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you are looking for?

Cable Selection Chart

Prototyping & Equipment

372369/372370/372371

Equipment Wire	Prototyping Wire	UL Hook-up Wire
		
SEE PAGE 22	SEE PAGE 21	SEE PAGE 27

Switchgear, Conduit, Tri-Rated

Conduit 6491X	Switchgear BS6231	Tri-Rated
		
SEE PAGE 32	SEE PAGE 30	SEE PAGE 31

Heat Resisting

Heat Resisting	PTFE Insulated	Silicone Insulated
		
SEE PAGE 32	SEE PAGE 33	SEE PAGE 32

Earth Bonding

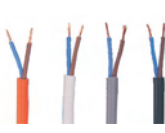
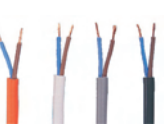
Copper Bonding Strip	Earth Bonding Strap
	
SEE PAGE 34	SEE PAGE 34

Automotive

Extra Flexible & Test Lead

Seven Core Trailer Cable	Extra Flexible Stranded	Test Lead Wire
		
SEE WEBSITE	SEE PAGE 35	SEE PAGE 36

Mains, PVC, Rubber, Arctic & Coiled

Arctic Grade Mains Flex	Heat Resisting Mains Flex	Mains Flex 2 & 3 Core
		
SEE PAGE 39	SEE PAGE 39	SEE PAGE 37

Mains Flex 4 & 5 Core



SEE PAGE 38

Rubber Mains Flex



SEE PAGE 39

Mains Flex Coiled



SEE PAGE 38

Twin Figure 8 (Mains)



SEE PAGE 42

Flexible Power Control

YY Power Control	SY Power Control	CY Power Control	Heating Parallel Circuit Heating
			
SEE PAGE 39	SEE PAGE 41	SEE PAGE 40	SEE PAGE 41

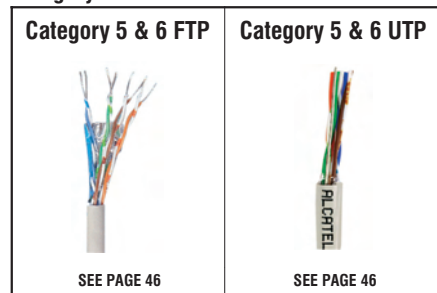
Telecoms

2002 Telecom	FCC 68 Data	Telecoms CW1311
		
SEE WEBSITE	SEE PAGE 43	SEE PAGE 43
2003 Telecom	Telecoms CW1308	
		
SEE WEBSITE	SEE PAGE 43	

Multicore, Def-Stan & Signal

Multicore	Multicore DEF Stan	Multicore Shielded	Signal/Security
			
SEE PAGE 44	SEE PAGE 45	SEE PAGE 45	SEE PAGE 44

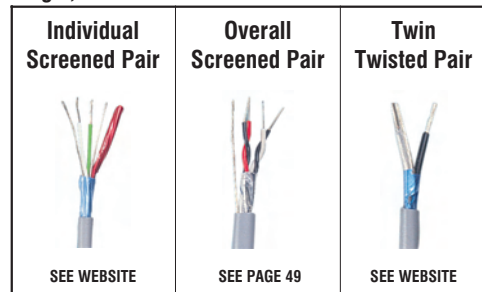
Category 5 & 6 UTP & FTP



IBM Data Transmission



Single, Multi-Twisted Pair Screened



Belden Cable



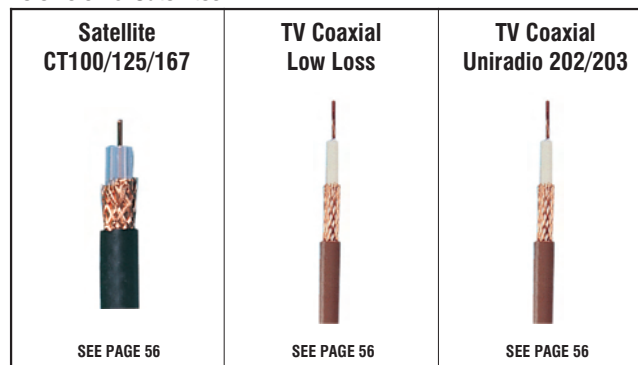
RG Type Coaxials



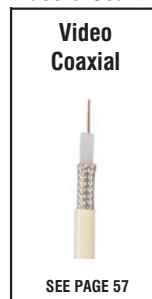
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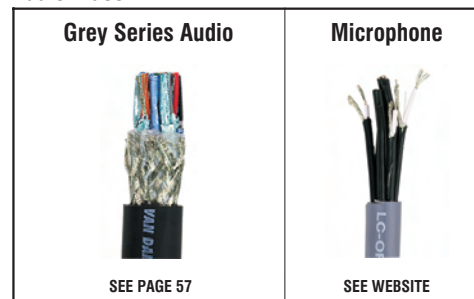
Television & Satellites



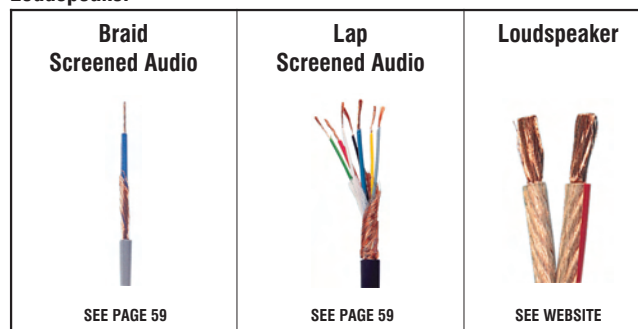
Video & Scart



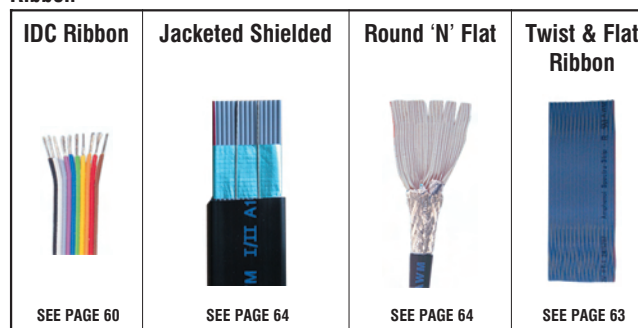
Audio Video



Loudspeaker



Ribbon



Prototyping Wire

Tinned Copper Wire



- Suitable for shorting links, discrete wiring, PCB track repairs etc. Conforms to **BS4109**

SWG (approx.)	Reel Size	Fuse Rating	Diameter (approx.)	Length (approx.)	Mfrs. List No.	Order Code
35	250g	5A	0.213	785m	TCW35 250G	123-0989
25	250g	15A	0.508	138m	TCW25 250G	123-0990
24	500g	17A	0.559	230m	TCW24 500G	123-0991
22	500g	24A	0.711	140m	TCW22 500G	123-0993
21	250g	30A	0.812	54m	TCW21 250G	123-0994
20	500g	33A	0.914	86m	TCW20 500G	123-0995
18	500g	45A	1.219	48m	TCW18 500G	123-0996
16	500g	70A	1.626	27m	TCW16 500G	123-0997

Cable & Wire

C = CYAN M = Magenta Y = Yellow B = Black/SING

1/0.80mm Solid Heat Resistant Cable - BS6004

PRO-POWER



- Fixed wiring cables, commonly used in applications such as gear-tray wiring in fluorescent light fittings and general wiring within the lighting industry

● Suitable for use at conductor temperatures not exceeding 90°C	Insulation resistance	0.015MΩkm @ 90°C
● Class 1, Plain annealed copper conductor	Maximum temperature rating	90°C
● PVC Insulated to BS7655 and IEC60227-1	Nominal overall diameter	2.05mm
● Conforms to BS6004 Table 12 and IEC60227-1		
● Available on 100m and 500m reels		
● It is recommended that PVC-Insulated cable is shielded from ultra-violet radiation		

Technical specification	Insulation resistance	0.015MΩkm @ 90°C
Conductor	1/0.8mm ² plain annealed copper	Maximum temperature rating 90°C
Insulation thickness	0.60mm	Nominal overall diameter 2.05mm
Voltage rating	300/300V	

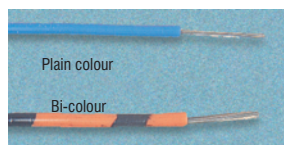
338544

		Price Per Reel	
Order Code	Colour	Reel Length	1+ 5+
118-6471	White	100m	14.69 --
118-6473	White	500m	75.16 72.91
118-6475	Blue	100m	14.69 --
118-6476	Blue	500m	75.16 72.91
118-6477	Brown	100m	14.69 --
118-6478	Brown	500m	75.16 72.91
118-6479	Green/Yellow	100m	14.69 --
118-6480	Green/Yellow	500m	75.16 67.96
118-6481	Red	100m	14.69 --
118-6482	Red	500m	66.93 65.12
118-6483	Black	100m	14.69 --
118-6484	Black	500m	72.91 --

Equipment Wire - Tinned Stranded to BS4808

PRO-POWER
Quality cables

10/0.1mm Miniature (0.078mm²)



- PVC insulated tinned copper conductors to DEF61-12 (Part 6) Type 2 (1000V) or Type 3 (1500V) and BS4808 Part 2.

	10/0.1mm	7/0.2mm	16/0.2mm	16/0.2mm	24/0.2mm	24/0.2mm	32/0.2mm	63/0.2mm
Nom. outside dia.	1.05	1.2	1.6	2.13	2.05	2.34	2.52	3
Wall thickness	0.3	0.3	0.3	0.6	0.45	0.6	0.6	0.6
Voltage rating rms	1000	1000	1000	1500	1000	1500	1500	1500
Current rating (A)	0.5	1.4	3	3	4.5	4.5	6	11

@

70°C

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-2853	Orange	117-2856	Blue	117-2859	White	117-2862
Brown	117-2854	Yellow	117-2857	Pink	117-2860	Violet	117-2863
Red	117-2855	Green	117-2858	Grey	117-2861		

500m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Red	117-2865	Green	117-2867	Blue	117-2868	White	117-2869
Yellow	117-2866						

208369

		Price Per Reel	
		MIXED QUANTITY PRICING	
		1+ 5+ + + +	
100m All Colours		13.30 12.10 -- -- --	
500m All Colours		43.95 42.38 -- -- --	

7/0.2mm Type 2 (0.22mm²) Plain Colours

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	121-9323	Orange	121-9326	Blue	121-9330	White	121-9333
Brown	121-9324	Yellow	121-9328	Violet	121-9331	Pink	121-9334
Red	121-9325	Green	121-9329	Grey	121-9332		

500m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-2870	Orange	117-2873	Blue	117-2877	White	117-2880
Brown	117-2871	Yellow	117-2874	Violet	117-2878	Pink	117-2881
Red	117-2872	Green	117-2875	Grey	117-2879		

100m Reel Kit

1 — 100m reel each colour, Black to Pink

Order Code

117-2882

208377

		Price Per Reel	
		MIXED QUANTITY PRICING	
		1+ 5+ + + +	
100m All Colours		11.55 9.21 -- -- --	
500m All Colours		43.70 41.50 -- -- --	
		Price Per Kit	
		1+ + + +	
100m Reel Kit		96.49 -- -- --	

7/0.2mm Type 2 (0.22mm²) Bi-Colours

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code
Red/Black	117-2883	Yellow/Black	117-2891	Grey/Blue	117-2897
Red/Brown	117-2884	Yellow/Red	117-2892	White/Black	117-2898
Red/Green	117-2885	Yellow/Green	117-2893	White/Red	117-2899
Red/Blue	117-2886	Green/Red	117-2894	Pink/Black	117-2900
Orange/Black	117-2887	Violet/Red	117-2895	Green/Yellow	117-2901
Orange/Red	117-2889	Grey/Black	117-2896		

CAB10/224021

		Price Per Reel	
		MIXED QUANTITY PRICING	
		1+ 5+ + + +	
100m All Colours		16.34 15.20 -- -- --	

16/0.2mm Type 2 (0.5mm²) Plain Colours

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-2904	Orange	117-2908	Blue	117-2911	White	117-2914
Brown	117-2905	Yellow	117-2909	Violet	117-2912	Pink	117-2915
Red	117-2907	Green	117-2910	Grey	117-2913		

500m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-2916	Orange	117-2921	Blue	117-2924	White	117-2927
Brown	117-2917	Yellow	117-2922	Violet	117-2925	Pink	117-2928
Red	117-2919	Green	117-2923	Grey	117-2926		

100m Reel Kit

1 — 100m reel each colour, Black to Pink (11 reels)

Order Code

117-2929

224022

		Price Per Reel	
		MIXED QUANTITY PRICING	
		1+ 5+ + + +	
100m All Colours		17.56 16.74 -- -- --	
500m All Colours		79.00 74.00 -- -- --	
		Price Per Kit	
		1+ 3+ +	
100m Reel Kit		159.00 152.94 --	

16/0.2mm Type 2 (0.5mm²) Bi-Colours

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code
Red/Black	117-2930	Yellow/Black	117-2937	Grey/Blue	117-2944
Red/Brown	117-2932	Yellow/Red	117-2938	White/Black	117-2945
Red/Green	117-2933	Yellow/Green	117-2939	White/Red	117-2946
Red/Blue	117-2934	Green/Red	117-2940	Pink/Black	117-2947
Orange/Black	117-2935	Violet/Red	117-2941	Green/Yellow	117-2948
Orange/Red	117-2936	Grey/Black	117-2942		

CAB12/224023

		Price Per Reel	
		MIXED QUANTITY PRICING	
		1+ 5+ + + +	
100m All Colours		24.70 23.00 -- -- --	

16/0.2mm Type 3 (0.5mm²)

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-2952	Orange	117-2956	Blue	117-2959	White	117-2962
Brown	117-2953	Yellow	117-2957	Violet	117-2960	Pink	117-2963
Red	117-2954	Green	117-2958	Grey	117-2961	Green/Yellow	117-2964

CAB378/208122

		Price Per Reel	
		MIXED QUANTITY PRICING	
		1+ 5+ + + +	
100m Plain Colours		29.23 26.29 -- -- --	
100m Green/Yellow		30.13 27.11 -- -- --	

24/0.2mm Type 2 (0.75mm²)

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-2965	Orange	117-2969	Blue	117-2972	White	117-2975
Brown	117-2966	Yellow	117-2970	Violet	117-2973	Pink	117-2976
Red	117-2968	Green	117-2971	Grey	117-2974	Green/Yellow	117-2977

500m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-2981	Orange	117-2983	Blue	117-2986	White	117-2986
Red	117-2982	Yellow	117-2984				

CAB364/208110

		Price Per Reel	
		MIXED QUANTITY PRICING	
		1+ 5+ + + +	
100m Plain Colours		24.18 23.56 -- -- --	
100m Green/Yellow		24.18 23.56 -- -- --	
500m Plain Colours		115.00 109.25 -- -- --	

Compliant
Non-compliant
Limited stock - RoHS replacement available

RoHS

208175

24/0.2mm Type 3 (0.75mm²)

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-2995	Orange	117-2998	Blue	117-3001	White	117-3004
Brown	117-2996	Yellow	117-2999	Violet	117-3002	Pink	117-3006
Red	117-2997	Green	117-3000	Grey	117-3003	Green/Yellow	117-3007

500m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-3008	Red	117-3009	Yellow	117-3010	White	117-3011

224024

	Price Per Reel MIXED QUANTITY PRICING				
	1+	5+	+	+	+
100m Plain Colours	25.30	23.50	--	--	--
100m Green/Yellow	25.30	23.50	--	--	--
500m Plain Colours	121.00	115.00	--	--	--

32/0.2mm Type 3 (1.0mm²)

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-3012	Orange	117-3015	Blue	117-3019	White	117-3022
Brown	117-3013	Yellow	117-3016	Violet	117-3020	Pink	117-3023
Red	117-3014	Green	117-3018	Grey	117-3021	Green/Yellow	117-3024

500m Reels

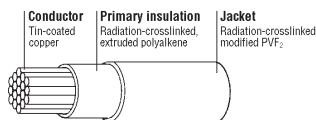
Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-3026	Red	117-3027	White	117-3028	Green/Yellow	117-3038

224025

	Price Per Reel MIXED QUANTITY PRICING				
	1+	5+	+	+	+
100m Plain Colours	30.00	27.90	--	--	--
100m Green/Yellow	30.00	27.90	--	--	--
500m Plain Colours	142.50	135.38	--	--	--
500m Green/Yellow	142.50	135.38	--	--	--

High Performance Equipment Wire

Flexlite™ Wire



- Double wall insulation
- High dielectric strength, 2.5KV, 5 mins
- Easy stripping and handling
- Solder iron resistant
- 600V rated

- Excellent chemical resistance
- Flexible, tough, thin wall
- Low fire hazard, UL94V-1, non-melting
- -45°C to +125°C
- UL recognised Style 3584

CSA mm ²	Conductor dia. min max	Max res. @ 20°C Ω/Km	Outside dia. min max	Mfrs. List No. (X = colour)
0.25	0.55 0.63	83.6	1.12 1.22	FLDWC0311-0.25-0-X
0.35	0.72 0.77	56.1	1.31 1.42	FLDWC0311-0.35-0-X
0.5	0.86 0.88	40.1	1.46 1.58	FLDWC0311-0.50-0-X
0.75	1.05 1.06	24.7	1.65 1.75	FLDWC0311-0.75-0-X
1.0	1.17 1.26	20	1.78 1.93	FLDWC0311-1.00-0-X
1.5	1.35 1.58	13.7	2.19 2.34	FLDWC0311-1.50-0-X
2.5	1.85 2.01	8.2	2.65 2.83	FLDWC0311-2.50-0-X

0.25mm² (19/0.127mm)

Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	797-972	Green	797-996	White	798-010
Red	797-984	Yellow	798-009	Blue	798-022

0.35mm² (19/0.15mm)

Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	798-034	Green	769-356	White	769-370
Red	798-046	Yellow	769-368	Blue	769-381

0.50mm² (19/0.19mm)

Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	769-393	Green	769-411	White	769-435
Red	769-400	Yellow	769-423	Blue	769-447

0.75mm² (19/0.23mm)

Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	769-459	Green	769-472	White	769-496
Red	769-460	Yellow	769-484	Blue	769-502

1.00mm² (19/0.25mm)

Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	769-514	Green	769-538	White	769-551
Red	769-526	Yellow	769-540	Blue	769-563

1.50mm² (19/0.32mm)

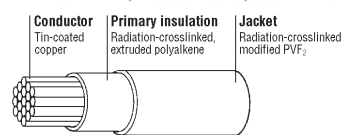
Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	769-575	Green	769-599	White	769-617
Red	769-587	Yellow	769-605	Blue	769-629

2.50mm² (19/0.41mm)

Colour	Order Code
Black	769-691

100m Reels	Price Per Reel MIXED QUANTITY PRICING				
	1+	5+	+	+	+
0.25mm ² All Colours	67.70	64.99	--	--	--
0.35mm ² All Colours	83.50	80.14	--	--	--
0.50mm ² All Colours	94.72	90.93	--	--	--
0.75mm ² All Colours	114.03	109.44	--	--	--
1.00mm ² All Colours	137.25	128.32	--	--	--
1.50mm ² All Colours	174.14	167.40	--	--	--
2.50mm ² All Colours	322.60	307.84	--	--	--

Spec 44™ Wire and Cable



- Suitable for applications where environmental conditions demand consistently reliable performance
- Voltage rating 600V
- Dual wall construction
- Soldering iron resistant +300°C (short periods)
- Operating temperature -65°C to +150°C
- Small size, light weight
- Flame retardant
- Low smoke and low corrosive gas generation
- Resistant to most chemicals

Single Primary Wire

AWG Size	Conductor Size	CSA mm ²	Nominal Outside Dia	Mfrs. List No. (X = colour)
24	19/0.127mm	0.24	1.02	44A0111-24-0-X
22	19/0.15mm	0.38	1.19	44A0111-22-0-X
20	19/0.203mm	0.62	1.4	44A0111-20-0-X
18	19/0.254mm	0.96	1.65	44A0111-18-0-X

Single Screened Primary Wire

AWG Size	Conductor Size	CSA mm ²	Nominal Outside Dia	Sheath Colour	Mfrs. List No.
24	19/0.127mm	0.24	1.83	White	44A1111-24-9-9
22	19/0.15mm	0.38	2	White	44A1111-22-9-9
20	19/0.203mm	0.62	2.26	White	44A1111-20-9-9

Twin Screened Twisted Pair Cable

AWG Size	Conductor Size	CSA mm ²	Nominal Outside Dia	Sheath Colour	Conductor Colours	Mfrs. List No.
24	19/0.127mm	0.24	2.99	White	1 black, 1 white	44A1121-24-0/9-9
24	19/0.127mm	0.24	2.99	White	1 red, 1 blue	44A1121-24-2/6-9
22	19/0.15mm	0.38	3.35	White	1 black, 1 white	44A1121-22-0/9-9
22	19/0.15mm	0.38	3.35	White	1 red, 1 blue	44A1121-22-2/6-9
20	19/0.203mm	0.62	3.76	White	1 black, 1 white	44A1121-20-0/9-9
20	19/0.203mm	0.62	3.76	White	1 red, 1 blue	44A1121-20-2/6-9

208283

100m Reels	CSA AWG(mm ²)	Colour	Order Code	Price Per Reel MIXED QUANTITY PRICING				
				1+	5+	+	+	+
Single Primary Wire	24 0.24	Black	134-820	72.45	68.84	--	--	--
		White	134-831	84.27	79.21	--	--	--
		Red	417-5980	81.23	75.84	--	--	--
		Blue	417-5992	81.23	75.84	--	--	--
		White	134-843	102.21	96.56	--	--	--
	22 0.38	Black	134-855	98.28	92.85	--	--	--
		White	417-6005	99.93	93.19	--	--	--
		Red	417-6017	99.93	93.19	--	--	--
		Blue	134-867	101.82	96.75	--	--	--
		White	134-879	115.38	110.02	--	--	--
Single Screened Primary Wire	24 0.24	Black	417-6029	113.20	105.64	--	--	--
		Red	417-6030	113.20	105.64	--	--	--
		Blue	134-880	142.55	135.44	--	--	--
		White	134-892	161.30	154.39	--	--	--
		Red	417-6042	148.49	142.19	--	--	--
	22 0.38	Black	417-6054	148.49	142.19	--	--	--
		White	417-6066	471.64	451.61	--	--	--
		Red	134-909	452.80	441.15	--	--	--
		Blue	417-6078	491.86	470.96	--	--	--
		White				--	--	--
Twin Screened Twisted Pair	24 0.24	1 black, 1 white	417-6080	707.99	663.75	--	--	--
		1 red, 1 blue	417-6091	707.99	663.75	--	--	--
		1 black, 1 white	134-910	859.47	838.25	--	--	--
		1 red, 1 blue	417-6108	763.76	716.02	--	--	--
		1 black, 1 white	417-6110	814.26	763.38	--	--	--
	20 0.62	1 red, 1 blue	417-6121	846.83	793.92	--	--	--

Prices are in Singapore Dollars and exclusive of GST.
Due to the volatile nature of certain products,
prices are subject to change without notice.

High Temperature FlexLite® (FLHT) Cable

tyco Electronics Raychem



FlexLite® wire is a good general purpose equipment wire. It features a tough, high temperature insulation, highly suited to lighting, appliance, electrical and motor applications. FlexLite HT products provide wiring solutions similar to many fluoropolymers, such as PTFE and FEP.

Unlike PTFE and FEP wires, however, FlexLite HT is not prone to cold flow problems and is resistant to high frequency radiation and solder

der iron contact, without melting or shrinkage.

Offered as a single-wall insulation, FlexLite HT does not need glass braid for additional mechanical protection and will not cause excessive cutter wear. Because of its mechanical toughness, heat-resistant characteristics and excellent shop handling characteristics, FlexLite HT wire offers an attractive alternative to fluoropolymer and glass-braid silicone lead wires, especially in high temperature environments where space is limited.

- Single wall
- Flexible, tough, thin wall, irradiated ETFE
- Lightweight/small size, handles well
- Excellent mechanical and chemical performance
- -55°C to +200°C
- 600V rated
- 200°C UL style 3557/CSA rated with VW1 flammability
- Supplied in 100m reels

Size	Number of Strands/ Diameter	Current carrying capacity- amps 30°C nominal rise	Nominal Outside Diameter
0.25mm ²	19/0.127	5.5	1.00
0.35mm ²	19/0.15	7.5	1.16
0.5mm ²	19/0.19	10	1.27
0.75mm ²	19/0.23	12	1.47
1.0mm ²	19/0.25	14	1.62
1.5mm ²	19/0.32	17	1.87

338944

Colour	Order Code	1+	3+
0.25mm²			
Black	505-1022	99.4400	90.7100
Red	505-1034	95.6200	87.2200
Green	505-1046	99.4400	90.7100
White	505-1058	99.4400	90.7100
Blue	834-1230	102.2100	93.7440
Yellow	834-1249	102.2100	93.7440
0.35mm²			
Black	505-1060	129.4300	121.9400
Red	505-1071	129.4300	121.9400
Green	505-1083	124.4500	117.2500
White	505-1095	124.4500	117.2500
Blue	834-1257	133.0500	126.0187
Yellow	834-1265	133.0500	126.0187
0.50mm²			
Black	505-1101	166.7100	157.0300
Red	505-1113	160.3000	150.9900
Green	505-1125	160.3000	150.9900
White	505-1137	166.7100	157.0300
Blue	834-1273	171.3800	162.2441
Yellow	834-1281	171.3800	162.2441
0.75mm²			
Black	505-1149	175.4900	164.3500
Red	505-1150	168.7400	158.0300
Green	505-1162	168.7400	158.0300
White	505-1174	168.7400	158.0300
Blue	834-1290	180.3900	169.8106
Yellow	834-1303	180.3900	169.8106
1.00mm²			
Black	505-1186	190.8400	179.8400
Red	505-1198	183.5000	172.9200
Green	505-1204	169.7800	160.7700
White	505-1216	190.8400	179.8400
Blue	834-1311	196.1600	185.7805
Yellow	834-1320	196.1600	185.7805
1.50mm²			
Black	505-1228	240.5600	227.7200
Red	505-1230	240.5600	227.7200
Green	505-1241	231.3100	218.9600
White	505-1253	231.3100	218.9600
Blue	834-1338	247.3200	235.2640
Yellow	834-1346	247.3200	235.2640

UL Hook-Up Equipment Wire

UL1015 Hook-up Wire (CSA TEW-105)



- UL recognised AWM Style 1015 and CSA TEW-105 specification
- Operating temperature -20°C to 105°C
- Tinned stranded copper conductors
- Rated voltage 600V
- PVC insulation
- 24-16 AWG
- Supplied in 305m reels

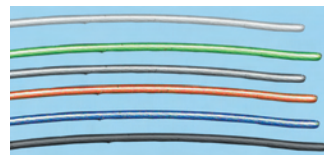


Gauge	Conductor Strand	Nominal Outside Dia	Maximum Current
24AWG	7/32AWG	2.24mm	7A
22AWG	7/30AWG	2.38mm	10A
20AWG	10/30AWG	2.54mm	13A
18AWG	16/30AWG	2.85mm	18A
16AWG	26/30AWG	3.14mm	24A

337253

Order Code	Colour	1+	5+
24 AWG			
119-9040	White	63.84	61.85
119-9041	Black	63.84	61.85
119-9042	Red	63.84	61.85
119-9044	Green	63.84	61.85
119-9045	Yellow	63.84	61.85
119-9046	Blue	63.84	61.85
119-9047	Brown	63.84	61.85
119-9048	Orange	65.82	62.53
119-9049	Grey	63.84	61.85
119-9050	Violet	63.84	61.85
119-9051	Green/Yellow	63.84	60.65
119-9052	Pink	65.82	62.53
22 AWG			
119-9053	White	74.50	72.17
119-9054	Black	74.50	72.17
119-9056	Red	74.50	72.17
119-9057	Green	74.50	72.17
119-9058	Yellow	74.50	72.17
119-9059	Blue	74.50	72.17
119-9060	Brown	74.50	72.17
119-9061	Orange	74.50	70.78
119-9062	Grey	74.50	72.17
119-9063	Violet	74.50	72.17
119-9064	Green/Yellow	74.50	72.17
119-9065	Pink	74.50	70.78
20 AWG			
119-9066	White	98.33	93.42
119-9068	Black	98.33	93.42
119-9069	Red	95.38	90.61
119-9070	Green	98.33	93.42
119-9071	Yellow	98.33	93.42
119-9072	Blue	98.33	93.42
119-9073	Brown	98.33	93.42
119-9074	Orange	98.33	93.42
119-9075	Grey	98.33	93.42
119-9076	Violet	98.33	93.42
119-9077	Green/Yellow	98.33	93.42
119-9078	Pink	98.33	93.42
18 AWG			
119-9081	White	97.16	92.30
119-9082	Black	97.16	92.30
119-9083	Red	97.16	92.30
119-9084	Green	97.16	92.30
119-9085	Yellow	97.16	92.30
119-9086	Blue	97.16	92.30
119-9087	Brown	97.16	92.30
119-9088	Orange	100.17	95.16
119-9089	Grey	97.16	92.30
119-9090	Violet	100.17	95.16
119-9093	Green/Yellow	97.16	92.30
119-9094	Pink	100.17	95.16
16 AWG			
118-2544	White	150.90	143.35
118-2545	Black	150.90	143.35
118-2546	Red	150.90	143.35
118-2548	Green	150.90	143.35
118-2549	Yellow	150.90	143.35
118-2550	Blue	150.90	143.35
118-2551	Brown	150.90	143.35
118-2552	Orange	150.90	143.35
118-2553	Grey	150.90	143.35
118-2555	Violet	150.90	143.35
118-2556	Green/Yellow	150.90	143.35

UL1213 TFE Teflon® Hook-up Wire



- UL recognised AWM Style 1213 and MIL-W-16878E Type E specification
- TFE Teflon insulation for exceptional toughness and flexibility
- Operating temperature -60°C to 200°C
- Silver-Plated copper stranded conductors
- Rated voltage 600V
- 30-18 AWG
- Supplied in 30.5m reels

Compliant
Non-compliant
RoHS

Limited stock - RoHS replacement available

Gauge	Conductor Strand	Nominal Outside Dia	Maximum Current	Gauge	Conductor Strand	Nominal Outside Dia	Maximum Current
30AWG	7/38AWG	0.81mm	4A	20AWG	19/32AWG	1.50mm	17A
28AWG	7/36AWG	0.91mm	6A	18AWG	19/30AWG	1.78mm	24A
24AWG	19/36AWG	1.14mm	10A				

337260

		Price Per Reel	
Order Code	Colour	1+	5+
30 AWG			
119-9095	White	21.67	--
119-9096	Black	21.67	--
119-9097	Red	21.67	--
119-9098	Green	21.67	--
119-9099	Yellow	21.67	--
119-9100	Blue	21.67	--
119-9101	Brown	21.67	--
119-9102	Orange	21.67	--
119-9103	Grey	21.67	--
119-9104	Violet	21.67	--
28 AWG			
119-9105	White	22.66	21.67
119-9106	Black	22.66	21.67
119-9107	Red	22.66	21.53
119-9108	Green	22.66	21.67
119-9111	Yellow	22.66	21.67
119-9112	Blue	22.66	21.67
119-9113	Brown	22.66	21.67
119-9114	Orange	22.66	21.67
119-9115	Grey	22.66	21.67
119-9116	Violet	22.66	21.67
24 AWG			
119-9117	White	27.30	--
119-9118	Black	27.30	--
119-9119	Red	27.27	25.91
119-9120	Green	27.30	--
119-9121	Yellow	27.30	--
119-9123	Blue	27.30	--
119-9124	Brown	27.30	--
119-9125	Orange	27.30	--
119-9126	Grey	27.30	--
119-9127	Violet	27.30	--
20 AWG			
119-9128	White	39.97	37.97
119-9130	Black	39.97	37.97
119-9131	Red	39.97	37.97
119-9132	Green	39.97	37.97
119-9133	Yellow	39.97	37.97
119-9135	Blue	39.97	37.97
119-9136	Brown	39.97	37.97
119-9137	Orange	39.97	37.97
119-9138	Grey	39.97	37.97
119-9139	Violet	41.21	39.15
18 AWG			
119-9140	White	48.02	45.61
119-9141	Black	48.02	45.61
119-9142	Red	48.02	45.61
119-9143	Green	48.02	45.61
119-9144	Yellow	48.02	45.61
119-9145	Blue	48.02	45.61
119-9147	Brown	48.02	45.61
119-9148	Orange	48.02	45.61
119-9149	Grey	48.02	45.61
119-9150	Violet	48.02	45.61

UL1061 Hook-up Wire (CSA TR-64)



- UL recognised AWM 1061 and CSA TR-64 specification
- Operating temperature -10°C to 80°C
- Tinned stranded copper conductors
- Rated voltage 300V
- Semi-Rigid PVC insulation
- 28-16 AWG
- Supplied in 305m reels

Gauge	Conductor Strand	Nominal Outside Dia	Maximum Current	Gauge	Conductor Strand	Nominal Outside Dia	Maximum Current
24AWG	7/32AWG	1.07mm	6A	20AWG	7/28AWG	1.42mm	10A
22AWG	7/30AWG	1.22mm	8A	16AWG	7/24AWG	1.98mm	19A

337252

		Price Per Reel	
Order Code	Colour	1+	5+
24 AWG			
119-9001	White	55.10	52.35
119-9002	Black	55.10	52.35
119-9003	Red	55.10	52.35
119-9004	Green	55.10	52.35

		Price Per Reel	
Order Code	Colour	1+	5+
24 AWG			
119-9005	Yellow	55.10	52.35
119-9007	Blue	55.10	52.35
119-9009	Brown	55.10	52.35
119-9010	Orange	55.10	52.35
119-9011	Grey	55.10	52.35
119-9012	Violet	55.10	52.35
119-9013	Pink	56.81	53.97
22 AWG			
119-9014	White	65.58	62.30
119-9015	Black	65.58	62.30
119-9017	Red	65.58	62.30
119-9019	Green	65.58	62.30
119-9021	Yellow	65.58	62.30
119-9022	Blue	65.58	62.30
119-9023	Brown	65.58	62.30
119-9024	Orange	65.58	62.30
119-9025	Grey	65.58	62.30
119-9026	Violet	67.61	64.23
119-9027	Pink	67.61	64.23
20 AWG			
119-9028	White	85.95	81.64
119-9029	Black	85.95	81.64
119-9030	Red	85.95	81.64
119-9032	Green	88.60	84.17
119-9033	Yellow	88.60	84.17
119-9034	Blue	88.60	84.17
119-9035	Brown	85.95	81.64
119-9036	Orange	88.60	84.17
119-9037	Grey	85.95	81.64
119-9038	Violet	88.60	84.17
119-9039	Pink	85.95	81.64
16 AWG			
118-2534	White	197.18	187.32
118-2536	Black	197.18	187.32
118-2537	Red	197.18	187.32
118-2538	Green	197.18	187.32
118-2539	Blue	197.18	187.32
118-2540	Brown	197.18	187.32
118-2542	Orange	197.18	187.32
118-2543	Violet	197.18	187.32

UL1007 Hook-up Wire (CSA TR-64)



- UL recognised AWM 1007 and CSA TR-64 specification
- Tinned stranded copper conductors
- 28-16 AWG
- Operating temperature -40°C to 80°C
- Rated voltage 300V
- Colour PVC insulation
- Supplied in 305m reels

Gauge	Conductor Strand	Nominal Outside Dia	Maximum Current	Gauge	Conductor Strand	Nominal Outside Dia	Maximum Current
28AWG	7/36AWG	1.19mm	4A	18AWG	16/30AWG	2.03mm	18A
24AWG	7/32AWG	1.45mm	7A	16AWG	26/30AWG	2.41mm	24A

337247

		Price Per Reel	
Order Code	Colour	1+	5+
28 AWG			
118-2471	White	66.88	63.47
118-2472	Black	66.88	63.47
118-2473	Red	66.88	63.47
118-2474	Green	66.88	63.47
118-2475	Yellow	66.88	63.47
118-2476	Blue	66.88	63.47
118-2477	Brown	66.88	63.47
118-2478	Orange	66.88	63.47
118-2479	Grey	66.88	63.47
118-2480	Violet	66.88	63.47
24 AWG			
118-2482	White	70.25	66.67
118-2483	Black	70.25	66.67
118-2484	Red	70.25	66.67
118-2485	Green	70.25	66.67
118-2486	Yellow	70.25	66.67
118-2487	Blue	70.25	66.67
118-2488	Brown	70.25	66.67
118-2489	Orange	70.25	66.67
118-2490	Grey	70.25	66.67

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prices are subject to change without notice.

Order Code	Colour	Price Per Reel	
		1+	5+
24 AWG			
118-2491	Violet	70.25	66.67
118-2492	Green/Yellow	70.25	66.67
118-2494	Pink	70.25	66.67
20 AWG			
118-2495	White	89.94	85.43
118-2496	Black	89.94	85.43
118-2497	Red	89.94	85.43
118-2498	Green	89.94	85.43
118-2499	Yellow	89.94	85.43
118-2501	Blue	89.94	85.43
118-2502	Brown	89.94	85.43
118-2503	Orange	89.94	85.43
118-2504	Grey	89.94	85.43
118-2505	Violet	89.94	85.43
118-2506	Green/Yellow	89.94	85.43
118-2507	Pink	89.94	85.43
18 AWG			
118-2508	White	113.74	108.06
118-2509	Black	113.74	108.06
118-2510	Red	113.74	108.06
118-2512	Green	113.74	108.06
118-2513	Yellow	113.74	108.06
118-2514	Blue	113.74	108.06
118-2515	Brown	113.74	108.06
118-2516	Orange	113.74	108.06
118-2517	Grey	113.74	108.06
118-2518	Violet	113.74	108.06
118-2519	Green/Yellow	113.74	108.06
118-2520	Pink	113.74	108.06
16 AWG			
118-2521	White	152.94	145.29
118-2522	Black	152.94	145.29
118-2524	Red	152.94	145.29
118-2525	Green	152.94	145.29
118-2526	Yellow	152.94	145.29
118-2527	Blue	152.94	145.29
118-2528	Brown	152.94	145.29
118-2529	Orange	152.94	145.29
118-2530	Grey	152.94	145.29
118-2531	Violet	152.94	145.29
118-2532	Green/Yellow	152.94	145.29
118-2533	Pink	152.94	145.29

Tinned Stranded and Solid Core



UL listed and CSA certified hook-up (equipment) wire with tinned and solid or stranded copper conductors insulated in VW-1 flame-retardant PVC. Suitable for internal wiring of electrical and electronic equipment and appliances. Where diameter permits wires are printed down their length with the relevant UL style and CSA type numbers together with their voltage and temperature ratings.

CAB289X/208034

UL1007 (300V, 80°C) Listed CSA TR-64 (90°C)
24 AWG - 7/32 AWG (0.20mm²)

Current rating	6A	Insulation material	PVC
Nominal outside diameter	1.42mm	Nominal wall thickness	0.38mm

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-7493	Orange	117-7495	White	117-7498	Yellow	117-7499
Blue	117-7494	Red	117-7496				

305m Reels

Colour	Order Code
Black	117-7501

CAB292X/208038

	Price Per Reel			
	MIXED QUANTITY PRICING			
	1+	+	+	+
100m All Colours	14.14	--	--	--
305m Plain Colours	36.97	--	--	--

UL1007 (300V, 80°C) Listed CSA TR-64 (90°C)
22 AWG - 7/30 AWG (0.336mm²)

Current rating	8A	Insulation material	PVC
Nominal outside diameter	1.57mm	Nominal wall thickness	0.38mm

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-7502	Red	117-7505	Yellow	117-7507
Blue	117-7504	White	117-7506		

305m Reels

Colour	Order Code	Colour	Order Code
Black	117-7508	Red	117-7510
Blue	117-7509	White	117-7512

CAB293X/208039

	Price Per Reel			
	MIXED QUANTITY PRICING			
	1+	5+	+	+
100m All Colours	22.23	20.00	--	--
305m Plain Colours	57.06	--	--	--

UL1007 (300V, 80°C) Listed CSA TR-64 (90°C)
20 AWG - 7/28 AWG (0.597mm²)

Current rating	10A	Insulation material	PVC
Nominal outside diameter	1.75mm	Nominal wall thickness	0.38mm

100m Reels

Colour	Order Code	Colour	Order Code
Black	117-7513	Red	117-7514

305m Reels

Colour	Order Code	Colour	Order Code
Blue	117-7516	Red	117-7517

CAB294X/208040

	Price Per Reel			
	MIXED QUANTITY PRICING			
	1+	5+	+	+
100m All Colours	31.32	22.78	--	--
305m All Colours	61.94	--	--	--

UL1007 (300V, 80°C) Listed CSA TR-64 (90°C)
18 AWG - 16/30 AWG (0.82mm²)

Current rating	15A	Insulation material	PVC
Nominal outside diameter	2.01mm	Nominal wall thickness	0.38mm

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-7518	Red	117-7520	Yellow	117-7522
Brown	117-7519	White	117-7521		

305m Reels

Colour	Order Code	Colour	Order Code
Black	117-7523	Red	117-7524

CAB295X/208041

	Price Per Reel			
	MIXED QUANTITY PRICING			
	1+	5+	+	+
100m All Colours	27.42	25.35	--	--
305m All Colours	66.24	61.95	--	--

UL1015 (600V, 105°C) Listed CSA TEW
22 AWG - 7/30 AWG (0.336mm²)

Current rating	10A	Insulation material	PVC
Nominal outside diameter	2.36mm	Nominal wall thickness	0.79mm

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-7529	Brown	117-7531	Red	117-7533	White	117-7534
Blue	117-7530	Green	117-7532				

CAB297X/208043

	Price Per Reel			
	MIXED QUANTITY PRICING			
	1+	5+	+	+
100m Plain Colours	23.21	21.48	--	--

UL1015 (600V, 105°C) Listed CSA TEW
20 AWG - 10/30 AWG (0.597mm²)

Current rating	13A	Insulation material	PVC
Nominal outside diameter	2.54mm	Nominal wall thickness	0.79mm

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code
Blue	117-7535	Red	117-7537	Green/Yellow	117-7538
Brown	117-7536				

305m Reels

Colour	Order Code
Black	117-7541

CAB298X/208044

	Price Per Reel			
	MIXED QUANTITY PRICING			
	1+	5+	+	+
100m Plain Colours	29.50	27.30	--	--
100m Green/Yellow	35.40	31.86	--	--
305m Plain Colours	67.93	63.51	--	--

UL1015 (600V, 105°C) Listed CSA TEW
18 AWG - 16/30 AWG (0.82mm²)

Current rating **18A** Insulation material PVC
Nominal outside diameter 2.79mm Nominal wall thickness 0.79mm

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-7543	Red	117-7546	Yellow	117-7548
Blue	117-7544	White	117-7547	Green/Yellow	117-7549
Brown	117-7545				

305m Reels

Colour	Order Code
Black	117-7551

CAB299X/208045

	Price Per Reel			
	MIXED QUANTITY PRICING			
	1+	5+	+	+
100m Plain Colours	27.82	26.03	--	--
100m Green/Yellow	38.78	34.91	--	--
305m Plain Colours	81.51	73.36	--	--

UL1015 (600V, 105°C) Listed CSA TEW
16 AWG - 26/30 AWG (1.31mm²)

Current rating **24A** Insulation material PVC
Nominal outside diameter 3.12mm Nominal wall thickness 0.79mm

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-7553	Brown	117-7555	Red	117-7556
Blue	117-7554				

152.5m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-7557	Red	117-7558	White	117-7559

CAB300X/208049

	Price Per Reel			
	MIXED QUANTITY PRICING			
	1+	5+	+	+
100m Plain Colours	57.36	51.62	--	--
152.5m Plain Colours	57.92	54.18	--	--

UL1015 (600V, 105°C) CSA TEW
14 AWG - 41/30 AWG (2.08mm²)

Current rating **33A** Insulation material PVC
Nominal outside diameter 3.51mm Nominal wall thickness 0.79mm

152.5m Reels

Colour	Order Code
White	117-7560

CAB398X/208143

	Price Per Reel			
	MIXED QUANTITY PRICING			
	1+	5+	+	+
152.5m Plain Colours	96.63	90.16	--	--

UL1015 (600V, 105°C) Listed CSA TEW
12 AWG - 65/30 AWG (3.02mm²)

Current rating **45A** Insulation material PVC
Nominal outside diameter 4.01mm Nominal wall thickness 0.79mm

Colour	Order Code
Black	117-7561
Red	117-7562

CAB399X/208144

		Price Per Reel			
		MIXED QUANTITY PRICING			
		1+	5+	+	+
100m	117-7561	89.47	85.77	--	--
152.5m	117-7562	89.23	--	--	--

UL1015 (600V, 105°C) Listed CSA TEW
10 AWG - 105/30 AWG (5.56mm²)

Current rating **58A** Insulation material PVC
Nominal outside diameter 4.65mm Nominal wall thickness 0.79mm

152.5m Reels

Colour	Order Code
Black	117-7563

CAB400X/208146

	Price Per Reel			
	MIXED QUANTITY PRICING			
	1+	5+	+	+
152.5m Plain Colours	194.32	179.92	--	--

UL1569 (300V, 105°C) Listed CSA TR-64 (90°C)
22 AWG - 7/30 AWG (0.336mm²)

Current rating **10A** Insulation material PVC
Nominal outside diameter 1.57mm Nominal wall thickness 0.38mm

305m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-7568	Green	117-7571	Orange	117-7573
Blue	117-7569	Grey	117-7572	Red	117-7574
Brown	117-7570			White	117-7577

CAB395X/208140

	Price Per Reel			
	MIXED QUANTITY PRICING			
	1+	+	+	+
305m Plain Colours	55.43	--	--	--

UL1569 (300V, 105°C) Listed CSA TR-64 (90°C)
18 AWG - 16/30 AWG (0.82mm²)

Current rating **18A** Insulation material PVC
Nominal outside diameter 2.01mm Nominal wall thickness 0.38mm

305m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-7581	Blue	117-7582	Red	117-7583

CAB397X/208142

	Price Per Reel			
	MIXED QUANTITY PRICING			
	1+	+	+	+
305m Plain Colours	65.01	--	--	--

UL1061 (300V, 80°C) Listed CSA SR-PVC
26 AWG - 7/34 AWG (0.13mm²)

Current rating **4A** Insulation material Semi-rigid PVC
Nominal outside diameter 0.99mm Nominal wall thickness 0.25mm

305m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-7584	Grey	117-7585	White	117-7586

CAB392X/208137

	Price Per Reel			
	MIXED QUANTITY PRICING			
	1+	5+	+	+
305m All Colours	46.71	42.80	--	--

UL1061 (300V, 80°C) Listed CSA SR-PVC
24 AWG - 7/32 AWG (0.20mm²)

Current rating **6A** Insulation material Semi-rigid PVC
Nominal outside diameter 1.12mm Nominal wall thickness 0.25mm

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-7587	Green	117-7592	Red	117-7594	Yellow	117-7596
Blue	117-7589	Grey	117-7593	Violet	117-7595	White	117-7597
Orange	117-7591						

CAB301X/208050

	Price Per Reel			
	MIXED QUANTITY PRICING			
	1+	5+	+	+
100m Plain Colours	21.44	19.30	--	--

UL1061 (300V, 80°C) Listed CSA SR-PVC
22 AWG - 7/30 AWG (0.336mm²)

Current rating **8A** Insulation material Semi-rigid PVC
Nominal outside diameter 1.27mm Nominal wall thickness 0.25mm

100m Reels

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-7598	Green	117-7601	Red	117-7607	White	117-7609
Blue	117-7599	Grey	117-7602	Violet	117-7608	Yellow	117-7610
Brown	117-7600	Orange	117-7605				

305m Reels

Colour	Order Code
Black	117-7611

CAB302X/208051

	Price Per Reel			
	MIXED QUANTITY PRICING			
	1+	5+	+	+
100m Plain Colours	26.29	23.66	--	--
305m Black	60.89	59.33	--	--

Prices are in Singapore Dollars and exclusive of GST.
Due to the volatile nature of certain products,
prices are subject to change without notice.

UL1061 (300V, 80°C) Listed CSA SR-PVC
20 AWG - 7/28 AWG (0.597mm²)

Current rating	10A	Insulation material	Semi-rigid PVC
Nominal outside diameter	1.45mm	Nominal wall thickness	0.25mm

Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-7612	Grey	117-7615	Red	117-7616	Yellow	117-7622
Blue	117-7613	White	117-7617	Violet	117-7621	Green/Yellow	117-7623

CAB303X/208052

	Price Per Reel			
	MIXED QUANTITY PRICING			
	1+	5+	+	+
100m Plain Colours	27.42	25.19	--	--
100m Green/Yellow	30.93	27.85	--	--

UL1061 (300V, 80°C) Listed CSA SR-PVC
18 AWG - 16/30 AWG (0.82mm²)

Current rating	15A	Insulation material	Semi-rigid PVC
Nominal outside diameter	1.7mm	Nominal wall thickness	0.25mm

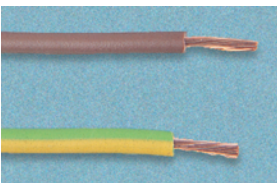
Colour	Order Code	Colour	Order Code	Colour	Order Code	Colour	Order Code
Black	117-7624	Brown	117-7626	Red	117-7628	Yellow	117-7630
Blue	117-7625	Grey	117-7627	White	117-7629	Green/Yellow	117-7632

CAB304X/208053

	Price Per Reel			
	MIXED QUANTITY PRICING			
	1+	5+	+	+
100m Plain Colours	35.83	33.35	--	--
100m Green/Yellow	40.05	37.25	--	--
152.5m Plain Colours	53.27	47.74	--	--

Equipment Wire 2491X

2491X Single Core Flexible



Stranded, PVC insulated copper wires ideal for use within appliances, light fittings and control panels etc. Where the combination of ambient temperature and temperature rise, due to load, results in a temperature not exceeding 70°C.

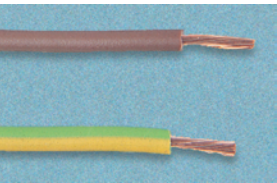
- **BS6004** (0.50mm to 1.00mm) and **BS6004** (1.50mm to 4.00mm)
- Harmonised codes **H05V-K** (0.5 to 1.0mm²) and **H07V-K** (1.5 to 2.5mm²)
- Supplied in 100m reels

Current Rating	Conductor Size (mm)	CSA	Nominal Wall Thickness	Nominal Outside Dia	
300/500 Volts	3A	16/0.2mm	0.5mm ²	0.6mm	2.6mm
	6A	24/0.2mm	0.75mm ²	0.6mm	2.8mm
	10A	32/0.2mm	1.0mm ²	0.6mm	3mm
450/750 Volts	16A	30/0.25mm	1.5mm ²	0.7mm	3.5mm
	25A	50/0.25mm	2.5mm ²	0.8mm	4.2mm

Colour	Order Code	1+	5+
3A (0.5mm²)			
Black	117-7738	15.90	15.10
Blue	117-7739	15.91	15.41
Brown	117-7740	15.91	15.41
Red	117-7741	15.91	15.41
White	117-7742	15.91	15.41
Yellow	117-7743	15.91	15.41
Green/Yellow	117-7744	15.91	15.41
6A (0.75mm²)			
Black	117-7745	19.20	18.49
Blue	117-7747	19.20	18.49
Brown	117-7748	19.20	18.49
Red	117-7749	19.20	18.49
White	117-7750	19.20	18.49
Yellow	117-7751	19.20	18.49
Green/Yellow	117-7752	19.20	18.49
10A (1.0mm²)			
Black	117-7753	27.50	26.10
Blue	117-7754	25.49	24.02
Brown	117-7755	25.49	24.02
Red	117-7756	25.49	24.02
White	117-7757	27.50	26.10
Yellow	117-7759	25.49	24.02
Green/Yellow	117-7761	25.49	24.02

Colour	Order Code	1+	5+
16A (1.5mm²)			
Black	117-7762	37.34	35.47
Blue	117-7763	35.85	34.09
Brown	117-7764	35.85	34.09
Red	117-7765	37.34	35.47
White	117-7766	35.85	34.09
Yellow	117-7767	35.85	34.09
Green/Yellow	117-7768	35.85	34.09
25A (2.5mm²)			
Black	117-7769	59.25	57.49
Blue	117-7770	59.25	57.49
Brown	117-7772	59.25	57.49
Red	117-7773	59.25	57.49
White	117-7774	59.23	58.86
Yellow	117-7775	59.23	58.86
Green/Yellow	117-7776	59.25	57.49

2491B Single Core Flexible



Flexible single core cable with low smoke zero halogen insulation, for internal wiring of appliances with maximum operating temperatures of 90°C.

NEW

- Conductors: Annealed copper Insulation
- Type EI.5 Low smoke zero halogen, thermosetting insulation
- Temp Rating: 90°C Max conductor operating temperature
- Voltage Rating: 2491B 300/500V (0.5 to 1.0mm)
- Voltage Rating: 2491B 450/750V (1.5 to 10.0mm)

CSA	Conductor Size (mm)	Conductor Resistance ohms/Km. @ 20°C	Nominal Outside Dia
0.5mm ²	16/0.2mm	39.0	2.12mm
0.75mm ²	24/0.2mm	26.0	2.33mm
1.0mm ²	32/0.2mm	19.5	2.48mm
1.5mm ²	30/0.25mm	13.3	2.98mm
2.5mm ²	50/0.25mm	7.98	3.63mm
6.0mm ²	84/0.3mm	3.30	5.00mm
10.0mm ²	80/0.4mm	1.91	6.40mm

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Colour	Order Code	1+	3+
0.5mm²			
Red	851-4356	36.66000	33.71436
White	851-4364	36.66000	33.71436
Yellow	851-4372	36.66000	33.71436
Brown	851-4380	36.66000	33.71436
Blue	851-4399	36.66000	33.71436
Black	851-4402	36.66000	33.71436
Green/Yellow	851-4410	36.66000	33.71436
0.75mm²			
Red	851-4429	42.62000	40.51080
White	851-4437	42.62000	40.51080
Yellow	851-4445	42.62000	40.51080
Brown	851-4453	42.62000	40.51080
Blue	851-4461	42.62000	40.51080
Black	851-4470	42.62000	40.51080
Green/Yellow	851-4488	42.62000	40.51080
1.0mm²			
Red	851-4496	50.82000	47.97684
White	851-4500	50.82000	47.97684
Yellow	851-4518	50.82000	47.97684
Brown	851-4526	50.82000	47.97684
Blue	851-4534	50.82000	47.97684
Black	851-4542	50.82000	47.97684
Green/Yellow	851-4550	50.82000	47.97684
1.5mm²			
Red	851-4569	64.78000	61.13448
White	851-4577	64.78000	61.13448
Yellow	851-4585	64.78000	61.13448
Brown	851-4593	64.78000	61.13448
Blue	851-4607	64.78000	61.13448
Black	851-4615	64.78000	61.13448
Green/Yellow	851-4623	64.78000	61.13448
2.5mm²			
Red	851-4631	91.80000	87.55020
White	851-4640	91.80000	87.55020
Yellow	851-4658	91.80000	87.55020
Brown	851-4666	91.80000	87.55020
Blue	851-4674	91.80000	87.55020
Black	851-4682	91.80000	87.55020
Green/Yellow	851-4690	91.80000	87.55020

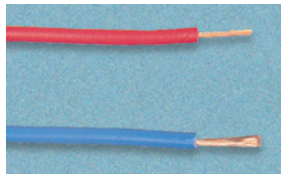
Colour	Order Code	Price Per Reel	
		1+	3+
6.0mm²			
Red	851-4704	214.84000	206.50460
White	851-4712	214.84000	206.50460
Yellow	851-4720	214.84000	206.50460
Brown	851-4739	214.84000	206.50460
Blue	851-4747	214.84000	206.50460
Black	851-4755	214.84000	206.50460
Green/Yellow	851-4763	214.84000	206.50460
10.0mm²			
Red	851-4771	345.45000	335.06780
White	851-4780	345.45000	335.06780
Yellow	851-4798	345.45000	335.06780
Brown	851-4801	345.45000	335.06780
Blue	851-4810	345.45000	335.06780
Black	851-4828	345.45000	335.06780
Green/Yellow	851-4836	345.45000	335.06780

Switchgear Wire to BS6231

Switchgear Wire (BK & CK) to BS6231

PRO-POWER
Quality Cables

Flexible switchgear and control wire, applications include the wiring of switch or control panels and in motor starters and controllers.



- PVC insulated plain annealed copper conductors to BS6231
- Maximum temperature ambient plus load; BK 70°C, CK 80°C (CK types however can be used up to 105°C where there is no flexing or mechanical stress)
- Minimum temperature once installed; BK -20°C, CK -15°C
- Voltage rating; 600/1000V

Current Rating	Conductor Size (mm)	CSA	Nominal Wall Thickness	Nominal Outside Dia
17A	32/0.2mm	1.0mm ²	0.8mm	3.4mm
22A	30/0.25mm	1.5mm ²	0.8mm	3.7mm
29A	50/0.25mm	2.5mm ²	0.8mm	4.2mm
39A	56/0.3mm	4.0mm ²	0.8mm	4.8mm
50A	84/0.3mm	6.0mm ²	0.8mm	6.3mm
68A	80/0.4mm	10.0mm ²	0.8mm	7.6mm
91A	126/0.4mm	16.0mm ²	0.8mm	8.8mm
120A	196/0.4mm	25.0mm ²	0.8mm	11mm
167A	276/0.4mm	35.0mm ²	0.8mm	12.5mm

336168

100m Reels Colour	Order Code	1+	5+
17A Type BK			
Black	117-9155	31.56	31.25
Red	117-9156	31.56	31.25
22A Type CK			
Black	117-9157	54.03	49.27
Blue	117-9158	54.03	49.27
Red	117-9161	54.03	49.27
Green/Yellow	117-9162	54.03	49.27
29A Type CK			
Black	117-9163	72.10	64.68
Blue	117-9164	72.10	64.68
Red	117-9165	72.10	64.68
White	117-9166	72.10	64.68
Green/Yellow	117-9167	72.10	64.68
22A Type BK			
Black	117-9168	53.34	50.15
Green	117-9169	53.34	50.15
Red	117-9170	53.34	50.15
Green/Yellow	117-9171	53.34	50.15
29A Type BK			
Black	117-9173	75.51	67.57
Blue	117-9174	75.51	67.57
Red	117-9175	75.51	67.57
Green/Yellow	117-9176	75.51	67.57
39A Type BK			
Black	117-9177	105.78	95.75
Red	117-9178	105.78	95.75
Green/Yellow	117-9179	105.78	95.75
50A Type BK			
Black	117-9180	143.04	136.34
Blue	117-9181	143.04	136.34
Red	117-9182	143.04	136.34
Green/Yellow	117-9183	143.04	136.34
68A Type BK			
Black	117-9185	165.17	161.82
Red	117-9186	165.17	161.82
Green/Yellow	117-9187	165.17	161.82
91A Type BK			
Black	117-9188	171.98	166.82
Red	117-9189	171.98	166.82
Green/Yellow	117-9190	171.98	166.82

100m Reels Colour	Order Code	1+	5+
120A Type BK			
Black	117-9191	217.36	202.15
Red	117-9192	217.36	202.15
Green/Yellow	117-9193	217.36	202.15
167A Type BK			
Black	117-9194	396.40	381.16

25m Reels Colour	Order Code	1+	5+
50A Type BK			
Black	117-9195	41.01	39.41
Blue	117-9197	41.01	39.41
Red	117-9198	41.01	39.41
Yellow	117-9199	41.01	39.41
Green/Yellow	117-9200	41.01	39.41
68A Type BK			
Black	117-9201	62.07	60.83
Blue	117-9203	62.07	60.83
Red	117-9204	62.07	60.83
Yellow	117-9205	62.07	60.83
Green/Yellow	117-9206	62.07	60.83
91A Type BK			
Black	117-9207	111.99	108.01
Blue	117-9208	111.99	108.01
Red	117-9209	111.99	108.01
Yellow	117-9210	111.99	108.01
Green/Yellow	117-9211	111.99	108.01
120A Type BK			
Black	117-9212	184.51	179.22
Blue	117-9213	184.51	179.22
Red	117-9215	184.51	179.22
Yellow	117-9216	184.51	179.22
Green/Yellow	117-9217	184.51	179.22

Switchgear Wire Type BU (BS6231)

PRO-POWER
Quality Cables



NEW

- Switchgear and control wire to BS6231
- Plain annealed copper solid conductor
- Flexible PVC sheath
- Reel length 100m

CSA	Current Rating (in free air)	Conductor Size (mm)	Nominal Outside Dia
1.0mm ²	15A	1/1.13mm	3.2mm
1.5mm ²	20A	1/1.38mm	3.5mm
2.5mm ²	28A	1/1.78mm	3.9mm

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Colour	Order Code	1+	5+
1.0mm²			
Black	833-0123	40.41000	39.57336
Blue	833-0131	40.41000	39.57336
Red	833-0140	40.41000	39.57336
Green/Yellow	833-0158	40.41000	39.57336
1.5mm²			
Black	833-0166	56.75000	54.37152
Blue	833-0174	56.75000	54.37152
Red	833-0182	56.75000	54.37152
Green/Yellow	833-0190	56.75000	54.37152
2.5mm²			
Black	833-0204	88.96000	86.37840
Blue	833-0212	88.96000	86.37840
Red	833-0220	88.96000	86.37840
Green/Yellow	833-0239	88.96000	86.37840

Switchgear Wire Type BR (BS6231)

PRO-POWER
Quality Cables



NEW

- Switchgear and control wire to BS6231
- Plain annealed copper stranded conductor
- Flexible PVC sheath
- Reel length 100m

CSA	Current Rating (in free air)	Conductor Size (mm)	Nominal Outside Dia
2.5mm ²	28A	7/0.67mm	4.2mm
4.0mm ²	37A	7/0.85mm	4.8mm
6.0mm ²	48A	7/1.04mm	5.4mm

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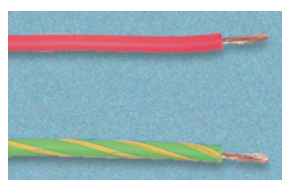
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Colour	Order Code	Price Per Reel	
		1+	5+
2.5mm ²			
Black	832-9974	112.3600	108.4752
Blue	832-9982	112.3600	108.4752
Red	832-9990	112.3600	108.4752
Yellow	833-0000	112.3600	108.4752
Green/Yellow	833-0018	112.3600	108.4752
4.0mm ²			
Black	833-0026	153.8100	148.9525
Blue	833-0034	153.8100	148.9525
Red	833-0042	153.8100	148.9525
Yellow	833-0050	153.8100	148.9525
Green/Yellow	833-0069	153.8100	148.9525
6.0mm ²			
Black	833-0077	192.6800	188.8272
Blue	833-0085	192.6800	188.8272
Red	833-0093	192.6800	188.8272
Yellow	833-0107	192.6800	188.8272
Green/Yellow	833-0115	192.6800	188.8272

Tri-Rated Control and Switchgear Wire

Tri-Rated Control & Switchgear Wire

PRO-POWER
Quality Cables



Application include wiring of switch, control, metering, relay and instrument panels of power switchgear and for such purposes as internal connections in rectifier equipment and in motor starters and controllers.

- PVC insulated plain annealed copper conductors to BS6231
- Manufactured to UL1015

- Maximum operating temperature; 105°C
- Supplied in 100m reels

Current Rating	Conductor Size (mm)	CSA	Nominal Outside Dia	Current 41A	Conductor 56/0.3mm	CSA 4.0mm ²	Nominal 4.3mm
10A	16/0.2mm	0.5mm ²	2.6mm	53A	84/0.3mm	6.0mm ²	5mm
13A	24/0.2mm	0.75mm ²	2.8mm	75A	80/0.4mm	10.0mm ²	6.8mm
18A	32/0.2mm	1.0mm ²	3mm	100A	126/0.4mm	16.0mm ²	9.2mm
22A	30/0.25mm	1.5mm ²	3.3mm	136A	196/0.4mm	25.0mm ²	10.6mm
31A	50/0.25mm	2.5mm ²	3.8mm				

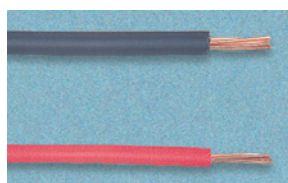
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Colour	Order Code	1 +	Price Per Reel		
			5 +	+	+
10A (0.5mm ²)					
Black	117-8264	15.25	--	--	--
Blue	117-8265	15.25	--	--	--
Brown	117-8266	15.25	--	--	--
Grey	117-8268	15.48	--	--	--
Orange	117-8269	16.10	15.80	--	--
Red	117-8270	15.25	--	--	--
White	117-8272	15.25	--	--	--
Yellow	117-8273	15.25	--	--	--
Green/Yellow	117-8274	15.25	--	--	--
13A (0.75mm ²)					
Black	117-8275	17.10	16.80	--	--
Blue	117-8276	17.10	16.80	--	--
Brown	117-8278	17.10	16.80	--	--
Grey	117-8279	17.10	16.80	--	--
Orange	117-8280	18.46	18.32	--	--
Red	117-8281	17.10	16.80	--	--
Violet	117-8282	17.10	16.80	--	--
White	117-8284	18.46	18.32	--	--
Yellow	117-8285	18.46	18.32	--	--
Green/Yellow	117-8286	17.10	16.80	--	--
18A (1.0mm ²)					
Black	117-8287	20.60	20.20	--	--
Blue	117-8288	22.60	21.44	--	--
Brown	117-8289	22.60	21.44	--	--
Grey	117-8290	22.60	21.44	--	--
Orange	117-8292	20.60	20.20	--	--
Red	117-8293	20.60	20.20	--	--
Violet	117-8294	22.60	21.44	--	--
White	117-8297	22.60	21.44	--	--
Yellow	117-8298	22.60	21.44	--	--
Green/Yellow	117-8299	22.60	21.44	--	--
22A (1.5mm ²)					
Black	117-8300	31.00	30.40	--	--
Blue	117-8302	35.83	33.48	--	--
Brown	117-8303	35.83	33.48	--	--
Grey	117-8304	35.83	33.48	--	--
Orange	117-8305	35.83	33.48	--	--
Red	117-8306	31.00	30.40	--	--
White	117-8307	31.00	30.40	--	--
Yellow	117-8308	35.83	33.48	--	--
Green/Yellow	117-8309	31.00	30.40	--	--

Colour	Order Code	Price Per Reel			
		1 +	5 +	+	+
31A (2.5mm ²)					
Black	117-8310	44.90	44.00	--	--
Blue	117-8311	44.90	44.00	--	--
Brown	117-8312	48.91	45.96	--	--
Red	117-8314	48.91	45.96	--	--
Yellow	117-8315	48.91	45.96	--	--
Green/Yellow	117-8316	44.90	44.00	--	--
White	117-8317	50.39	47.34	--	--
Orange	121-9362	50.39	47.34	--	--
Grey	121-9363	50.39	47.34	--	--
41A (4.0mm ²)					
Black	117-8318	80.83	74.43	--	--
Blue	117-8319	80.83	74.43	--	--
Brown	117-8320	80.83	74.43	--	--
Red	117-8321	80.83	74.43	--	--
Yellow	117-8322	80.83	74.43	--	--
Green/Yellow	117-8323	80.83	74.43	--	--
53A (6.0mm ²)					
Black	117-8324	110.00	108.00	--	--
Blue	117-8326	121.61	112.45	--	--
Brown	117-8327	121.61	119.32	--	--
Red	117-8328	121.61	112.45	--	--
Yellow	117-8329	121.61	112.45	--	--
Green/Yellow	117-8330	121.61	112.45	--	--
75A (10mm ²)					
Black	117-8331	240.58	225.23	--	--
Red	117-8332	240.58	225.23	--	--
Green/Yellow	117-8333	240.58	225.23	--	--
Blue	117-8334	248.96	232.02	--	--
Yellow	117-8335	248.96	232.02	--	--
100A (16mm ²)					
Black	117-8336	512.10	--	--	--
Blue	117-8338	498.85	460.18	--	--
Red	117-8339	498.85	460.18	--	--
Yellow	117-8340	498.85	460.18	--	--
Green/Yellow	117-8341	498.85	460.18	--	--
136A (25mm ²)					
Black	117-8342	807.04	790.30	--	--
Red	117-8343	807.04	790.30	--	--
Green/Yellow	117-8344	807.04	790.30	--	--

Conduit Wire 6491B-LSF

PRO-POWER
Quality Cables



Plain annealed copper conductors insulated in LSF (low smoke and fume) thermosetting insulation manufactured to BS7211.

Current Rating	Conductor Area mm ²	Conductor Size (mm)	Nominal Outside Dia.
24A 32A	1.5mm ²	7/0.53mm	3.0mm
	2.5mm ²	7/0.67mm	3.7mm
	4.0mm ²	7/0.85mm	4.2mm
	6.0mm ²	7/1.04mm	4.8mm
	10.0mm ²	7/1.35mm	6.1mm
	16.0mm ²	7/1.7mm	7.1mm

Voltage rating 450/750V Max. operating temperature +90°C

Colour	Order Code	Price Per Reel (100m)	
		1 +	5 +
17A (1.5mm ²)			
Black	716-753	41.7000	39.6000
Red	716-777	41.7000	39.6000
Blue	490-8673	41.7000	39.6000
Green/Yellow	716-790	41.7000	39.6000
24A (2.5mm ²)			
Black	716-807	58.8000	55.9000
Red	716-820	58.8000	55.9000
Blue	490-8697	58.8000	55.9000
Green/Yellow	716-844	58.8000	55.9000
32A (4.0mm ²)			
Black	490-8727	114.0000	102.6000
Red	490-8715	114.0000	102.6000
Blue	490-8739	114.0000	102.6000
Green/Yellow	716-893	114.0000	102.6000
41A (6.0mm ²)			
Black	716-900	195.7500	177.9400
Red	490-8752	203.4200	189.3964
Blue	490-8776	233.2600	223.2781
Green/Yellow	716-947	247.3600	222.6200
55A (10mm ²)			
Black	716-959	247.3600	235.0400
Red	490-8806	294.4900	291.6443
Blue	490-8820	294.4900	291.6443
Green/Yellow	716-996	312.1700	300.7173

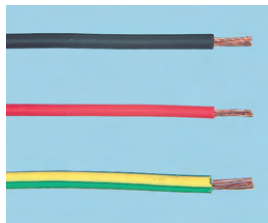
Colour	Order Code	Price Per Reel (100m)	
		1+	5+
74A (16mm²)			
Black	490-8867	363.2600	350.4017
Red	490-8892	363.2600	350.4017
Blue	490-8879	363.2600	350.4017
Green/Yellow	717-046	303.0600	282.4900

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Continuous Length in 1m Multiples		Price Per Metre
Colour	Order Code	
24A (2.5mm²)		
Green/Yellow	385-2660	1.92
41A (6.0mm²)		
Black	385-2684	4.05
Green/Yellow	385-2696	4.05

Conduit Wire 6491X

6491X Conduit Cable BS6004

PRO-POWER
Quality Cables


These cables are for use in electrical installation applications where cables are going to be protected by conduit or trunking. They may also be used inside fixed, protected installations such as light fittings, appliances, switchgear and control gear, which are to be used in normal temperature zones.

- BASEC approved
- Harmonise type H07V-R1 (1.5mm to 25mm) or H05V-U1 (1.0mm)
- Copper conductors are insulated with PVC to BS 6004 table 1
- Voltage ratings between conductor & earth: 450V (750V between conductors)
- Various insulation colours available
- Supplied in 100m reels

Conductor CSA size	Strands	Current Rating	Nominal Outside Dia	Conductor CSA size	Strands	Current Rating	Nominal Outside Dia
1.0mm ²	1/1.13mm	13A	2.8mm	6.0mm ²	7/1.04mmmm	41A	5.4mm
1.5mm ²	7/0.53mmmm	17A	3.5mm	10.0mm ²	7/1.35mmmm	55A	6.8mm
2.5mm ²	7/0.67mmmm	24A	4.2mm	16.0mm ²	7/1.7mmmm	74A	8.0mm
4.0mm ²	7/0.85mmmm	32A	4.8mm	25.0mm ²	7/2.14mm	97A	9.8mm

337967

		Price Per Reel	
Order Code	Colour	1+	3+
120-2719 ●	Red	23.60000	21.66000
120-2720 ●	Black	23.34000	21.66000
120-2721 ●	Yellow	23.34000	21.66000
120-2722 ●	Red	32.13000	--
120-2723 ●	Black	32.13000	--
832-3844	Brown	31.53000	--
120-2724 ●	Yellow	25.08000	24.11000
490-9392	Green/Yellow	31.84000	--
120-2725 ●	Red	41.38000	38.17000
120-2726 ●	Black	41.38000	38.17000
120-2727 ●	Blue	41.38000	38.17000
120-2729 ●	Yellow	41.38000	38.17000
490-9446	Green/Yellow	51.19000	49.58388
832-3852	Brown	79.58000	75.06216
120-2731 ●	Blue	65.25000	61.27000
120-2732 ●	Yellow	65.25000	61.27000
120-2733 ●	Green/Yellow	65.25000	61.27000
490-9549	Green/Yellow	115.97000	107.03560
490-9598	Green/Yellow	154.01000	143.83010
120-2734 ●	Black	216.58000	208.92000
490-9628	Green/Yellow	413.44000	--

Silicone Insulated Equipment Wire

PRO-POWER
Quality Cables


Tinned annealed stranded copper conductors insulated in type E12 silicone rubber to **BS6195 Table 4 Type 5**. Especially suited to medical, electrical or electronic equipment applications

requiring the ability to withstand the presence of ozone, corona discharge, radiation, weathering, oils, solvents and other chemicals, over a wide temperature range.

Operating temperature	-70°C to +180°C	Maximum test voltage	2500V
Conductor Area	Conductor Size	Nominal Wall Thickness	Current Rating
0.22mm ²	7/0.2mm mm	2.2 mm	1.5A
0.5mm ²	16/0.2mm mm	2.6 mm	3A
0.75mm ²	24/0.2mm mm	2.8 mm	6A
1.0mm ²	32/0.2mm mm	3.0 mm	10A

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25m Reels		Price Per Reel	
Colour	Order Code	1+	5+
0.22mm²			
Black	267-910	16.56000	14.90000
Red	267-909	16.56000	14.90000
0.5mm²			
Black	267-960	15.58000	14.02000
Blue	267-971	15.58000	14.02000
Brown	267-983	15.58000	14.02000
Green	832-5073	20.99000	20.02104
Red	267-958	15.58000	14.02000
0.75mm²			
Black	268-010	28.51000	25.66000
Blue	268-021	28.51000	25.66000
Brown	268-033	28.51000	25.66000
Red	268-008	28.51000	25.66000
1.00mm²			
Black	832-5090	60.16000	57.58560
Green/Yellow	832-5103	60.16000	57.58560
Red	832-5081	60.16000	57.58560

Heat Resisting Equipment Wire

PRO-POWER
Quality Cables


Tinned stranded annealed copper conductors to **BS6360**. High temperature PVC insulated to **BS6746 Type 4**.

Max. continuous temperature 85°C (105°C for limited periods)

	7/0.2mm	16/0.2mm
Nominal outside dia. (mm)	1.5	1.8
Nominal wall thickness (mm)	0.45	0.45
Voltage rating @ 20°C (V)	1000	1000
Current rating @ 20°C (A)	1.5	3

230934

100m Reels		Price Per Reel	
Colour	Order Code	1+	5+
0.22mm² (7/0.2mm)			
Black	120-2679 ●	12.60	11.70
Red	120-2680 ●	12.60	11.70
0.5mm² (16/0.2mm)			
Red	120-2681 ●	24.50	22.85

Tufsil 5000



- Silicone coated cable designed for use in the domestic appliance industry
- Silicone based insulation meets **BS6899** and **BS7655 E12** specifications
- Conductor meets **BS6360** specification

Maximum operating temperature +180°C Voltage rating 500Vdc & ac

	24/0.2mm	7/0.4mm	30/0.25mm
Nominal outside dia.	2.4	2.5	2.8
Current rating	23A	25A	36A

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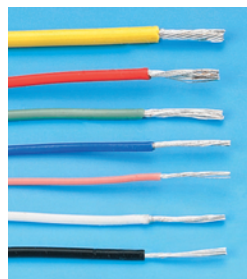
		Mftrs. List No.	Order Code	1+	5+	+	+
0.75mm² (24/0.2mm)							
25m	White	TSL24AW25	320-8758 ●	33.56	26.12	--	--
	Red	TSL24AR25	320-8760 ●	33.56	26.12	--	--
	Black	TSL24AB25	320-8771 ●	33.56	26.12	--	--
100m	White	TSL24AW100	320-8783 ●	84.33	74.77	--	--
	Red	TSL24AR100	320-8795 ●	84.33	74.77	--	--
	Black	TSL24AB100	320-8801 ●	84.33	74.77	--	--
1.0mm² (7/0.4mm)							
25m	White	TSL7CW25	320-8813 ●	38.52	29.35	--	--
	Red	TSL7CR25	320-8825 ●	38.52	29.35	--	--
	Black	TSL7CB25	320-8837 ●	38.52	29.35	--	--
100m	White	TSL7CW100	320-8849 ●	101.65	90.73	--	--
1.5mm² (30/0.25mm)							
25m	White	TSL30BW25	320-8874 ●	49.44	37.70	--	--
	Red	TSL30BR25	320-8886 ●	49.44	37.70	--	--
	Black	TSL30BB25	320-8898 ●	49.44	37.70	--	--
100m	White	TSL30BW100	320-8904 ●	130.32	119.45	--	--
	Red	TSL30BR100	320-8916 ●	130.32	119.45	--	--
	Black	TSL30BB100	320-8928 ●	130.32	119.45	--	--

Prices are in Singapore Dollars and exclusive of GST.
Due to the volatile nature of certain products,
prices are subject to change without notice.

PTFE Insulated Wire

PTFE Insulated Equipment Wire

Silver Plated to BS3G210



- Silver plated solid and stranded copper conductors
- Insulated in PTFE to **BS3G210**
- Ideal for use where a high level of reliability is required
- Excellent resistance to oils and common acids
- Conforms to **Def Std 61-12 pt 8** (apart from Type A 28 and 26 AWG)

Operating temperature -50°C to +190°C (flexing environment)
-75°C to +200°C (static environment)

Working Voltage: 300V (Type A)
600V (Type B)
1000V (Type C)

Type A Conductor Size (mm)	CSA	Wire Gauge	Current Rating	Nominal Outside Dia
7/0.12mm	0.0859mm ²	28AWG	3A	0.71mm
1/0.4mm	0.128mm ²	26AWG	4A	0.75mm
7/0.15mm	0.124mm ²	26AWG	4A	0.8mm
7/0.2mm	0.22mm ²	24AWG	6A	0.95mm
19/0.15mm	0.338mm ²	22AWG	8A	1.1mm
19/0.2mm	0.597mm ²	20AWG	11A	1.35mm

Colour	Reel Length	Order Code	Price Per Reel	
			1+	5+
7/0.12mm Type A				
Black	25m	118-3978	23.13	18.85
Black	100m	118-3979	73.99	67.33
Blue	25m	118-3980	23.13	18.85
Blue	100m	118-3981	73.99	67.33
Red	25m	118-3982	19.69	19.52
Red	100m	118-3983	67.52	64.14
Yellow	25m	118-3984	19.69	19.52
Yellow	100m	118-3985	67.52	64.14
White	25m	118-3986	23.13	18.85
White	100m	118-3987	73.99	67.33
Green	25m	118-3988	19.69	19.52
Green	100m	118-3991	67.52	64.14
Pink	25m	118-3992	19.69	19.52
Pink	100m	118-3993	67.52	64.14
1/0.4mm Type A				
Black	25m	118-3994	21.09	20.42
Black	100m	118-3995	79.55	66.49
Blue	25m	118-3996	22.93	18.65
Blue	100m	118-3997	79.55	66.49
Red	25m	118-3998	19.52	18.90
Yellow	25m	118-4000	19.52	18.90
White	25m	118-4001	22.93	18.65
White	100m	118-4002	79.55	66.49
Green	25m	118-4004	21.09	20.42
Pink	25m	118-4005	19.52	18.90
7/0.15mm Type A				
Black	25m	118-4006	24.94	22.13
Black	100m	118-4007	92.67	84.47
Blue	25m	118-4008	24.94	22.13
Blue	100m	118-4009	92.67	84.47
Red	25m	118-4010	20.09	19.08
Red	100m	118-4011	77.25	73.39
Yellow	25m	118-4012	20.09	19.08
Yellow	100m	118-4013	77.25	73.39
White	25m	118-4014	24.94	22.13
White	100m	118-4016	92.67	84.47
Green	25m	118-4017	20.09	19.08
Pink	25m	118-4018	20.09	19.08
Pink	100m	118-4019	77.25	73.39
7/0.2mm Type A				
Black	25m	118-4020	26.75	24.27
Black	100m	118-4021	104.42	94.92
Blue	25m	118-4022	26.75	24.27
Blue	100m	118-4023	104.42	94.92
Red	25m	118-4024	22.81	22.60
Red	100m	118-4025	88.37	83.96
Yellow	25m	118-4026	22.81	22.60
Yellow	100m	118-4029	88.37	83.96
White	25m	118-4030	26.75	24.27
White	100m	118-4031	104.42	94.92
Green	25m	118-4032	22.81	22.60
Green	100m	118-4033	88.37	83.96
Pink	25m	118-4034	22.81	22.60
Pink	100m	118-4035	88.37	83.96
19/0.15mm Type A				
Black	25m	118-4036	40.44	36.56
Black	100m	118-4037	160.50	145.54
Blue	25m	118-4038	40.44	36.56
Blue	100m	118-4041	160.50	145.54
Red	25m	118-4042	34.48	33.34
Red	100m	118-4043	136.74	133.20
Yellow	25m	118-4044	34.48	33.10

Colour	Reel Length	Order Code	Price Per Reel	
			1+	5+
19/0.15mm Type A				
Yellow	100m	118-4045	136.74	133.20
White	25m	118-4046	40.44	36.56
White	100m	118-4047	160.50	145.54
Green	25m	118-4048	34.48	33.34
Green	100m	118-4049	136.74	133.20
Pink	25m	118-4050	34.48	33.34
Pink	100m	118-4051	136.74	133.20
19/0.2mm Type A				
Black	25m	118-4053	59.26	48.28
Black	100m	118-4054	194.85	179.75
Blue	25m	118-4055	59.26	48.28
Blue	100m	118-4056	194.85	179.75
Red	25m	118-4057	50.49	48.44
Red	100m	118-4058	166.02	158.52
Yellow	25m	118-4059	50.49	48.44
Yellow	100m	118-4060	166.02	158.52
White	25m	118-4061	59.26	48.28
White	100m	118-4062	194.85	179.75
Green	100m	118-4065	166.02	158.52
Pink	100m	118-4067	166.02	158.52

Type B Conductor Size (mm)	CSA	Wire Gauge	Current Rating	Nominal Outside Dia
7/0.2mm	0.22mm ²	24AWG	6A	1.2mm
19/0.15mm	0.338mm ²	22AWG	8A	1.35mm
19/0.2mm	0.597mm ²	20AWG	11A	1.6mm
19/0.25mm	0.933mm ²	18AWG	15A	1.85mm

Colour	Reel Length	Order Code	Price Per Reel	
			1+	5+
7/0.2mm Type B				
Black	25m	118-4068	35.56	31.40
Black	100m	118-4069	133.28	120.83
Blue	25m	118-4070	35.56	31.40
Blue	100m	118-4071	133.28	120.83
Red	25m	118-4072	29.68	28.19
Red	100m	118-4073	113.54	108.58
Yellow	25m	118-4074	29.68	28.19
Yellow	100m	118-4075	113.54	108.58
White	25m	118-4077	35.56	31.40
White	100m	118-4078	133.28	120.83
Green	25m	118-4079	29.68	28.19
Green	100m	118-4080	113.54	108.58
Pink	25m	118-4081	29.68	28.19
Pink	100m	118-4085	113.54	108.58
19/0.15mm Type B				
Black	25m	118-4082	48.61	43.46
Black	100m	118-4083	179.18	154.38
Blue	25m	118-4084	48.61	43.46
Blue	100m	118-4086	179.18	154.38
Red	25m	118-4087	37.18	35.32
Red	100m	118-4089	148.71	141.27
Yellow	25m	118-4091	37.18	35.32
White	25m	118-4092	48.61	43.46
White	100m	118-4093	179.18	154.38
Green	25m	118-4094	37.18	35.32
Green	100m	118-4095	148.71	141.27
Pink	25m	118-4096	37.18	35.32
Pink	100m	118-4097	148.71	141.27
19/0.2mm Type B				
Black	25m	118-4098	59.43	54.57
Black	100m	118-4099	209.79	191.44
Blue	25m	118-4100	59.43	54.57
Blue	100m	118-4101	209.79	191.44
Red	25m	118-4102	50.62	48.44
Red	100m	118-4103	169.95	161.45
Yellow	25m	118-4104	50.62	48.44
White	25m	118-4107	59.43	54.57
White	100m	118-4108	209.79	191.44
Pink	100m	118-4112	169.95	161.45
19/0.25mm Type B				
Black	25m	118-4113	74.63	65.52
Black	100m	118-4114	257.33	238.91
Blue	25mm	118-4115	74.63	65.52
Blue	100m	118-4116	257.33	238.91
Red	25mm	118-4117	63.58	60.54
Red	100m	118-4119	203.94	193.74
Yellow	25mm	118-4121	63.58	60.54
Yellow	100m	118-4122	203.94	193.74
White	25mm	118-4123	74.63	65.52
White	100m	118-4124	257.33	238.91
Green	25mm	118-4125	63.58	60.54
Green	100m	118-4126	203.94	193.74
Pink	25mm	118-4127	63.58	60.54
Pink	100m	118-4128	203.94	193.74

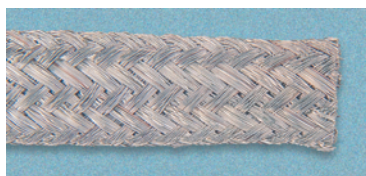
Type C Conductor Size (mm)	CSA	Wire Gauge	Current Rating	Nominal Outside Dia
7/0.2mm	0.22mm ²	24AWG	6A	1.62mm
19/0.15mm	0.338mm ²	22AWG	8A	1.67mm
19/0.2mm	0.597mm ²	20AWG	11A	1.92mm

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Colour	Reel Length	Order Code	Price Per Reel	
			1+	5+
7/0.2mm Type C				
Black	25m	118-4129	49.62	44.09
Red	25m	118-4133	42.27	41.10
19/0.15mm Type C				
Black	25m	118-4137	59.33	53.57
Red	100m	118-4138	167.74	163.39
19/0.2mm Type C				
Black	25m	118-4141	70.14	61.54
Black	100m	118-4142	243.30	215.88
Blue	100m	118-4144	243.30	215.88
Red	25m	118-4145	59.73	56.88
Red	100m	118-4146	191.58	182.00
Yellow	25m	118-4147	67.97	64.73
White	25m	118-4148	70.14	61.54
White	100m	118-4149	243.30	215.88
Green	25m	118-4150	59.73	56.88
Pink	100m	118-4151	191.58	182.00

Copper Bonding Strip

PRO-POWER
Quality Cables



- Tinned flat copper braid in five current ratings
- Suitable for earth bonding straps etc.

Current Rating	Nominal W	Dimensions Thickness	Conductor Area	Braids	Order Code
10A	2	0.5	0.5mm ²	16X4/0.1mm	123-0998
15A	3	1	1.13mm ²	16X4/0.15mm	123-0999
30A	5.0	0.75	2.26mm ²	16X8/0.15mm	123-1000
90A	11	1.75	8.29mm ²	24X11/0.2mm	123-1001
63A	10	1.5	7.54mm ²	24X10/0.2	123-1002

230334

Current Rating	Length	Order Code	1+	Price Per Reel	5+	10+	20+
10A	25m reel	123-0998	30.16	28.67	--	--	--
15A	25m reel	123-0999	27.87	26.94	25.86	24.90	
30A	25m reel	123-1000	41.01	39.63	38.04	36.63	
90A	1m reel	123-1001	6.76	6.18	--	--	
Cut to Length in 1m multiple			1+	Price Per Metre			
63A		123-1002	127.00	120.61	--	--	

Earth Bonding Straps

PRO-POWER
Quality Cables



Circular tinned copper braid leads in three different sizes. Both ends fitted with integral lug terminations. Suitable for a wide range of earthing applications for equipment housings and enclosures etc.

Length (between ctrs)	Conductor Area	Current Rating	Stud Size Ref.	Hole Dia.	Lug Width	Lug Thickness	Order Code
150mm	10mm ²	85A	M5	5.2	14.5	2	108-766
250mm	15mm ²	120A	M6	6.4	15.5	2.2	108-767
400mm	25mm ²	180A	M8	8.3	16.5	2.8	108-768

230336

Length	Order Code	1+	Price Each	10+	25+	50+
150mm	108-766	7.65	6.18	5.40	5.25	
250mm	108-767	11.32	9.27	8.49	8.01	
400mm	108-768	14.69	13.59	9.90	8.97	

Standard and Insulated Braid

tyco / **Electronics** / **AMP**



- UK manufactured to **QS9000** and **ISO9000**, **ISO14001** approved.

Terminals Brazed seam construction
High grade conductive copper per ASTM B-152, tin plated to **MIL-T10727**
Meets or exceeds the requirements of **MIL-T-7928, Class 1 & 2**
Temp rating 338°F/170°C
Listed under **UL** file No E13288 & **CSA** file No LR7189

Braided Cables Wires conform to **BS4109**
Insulation **UL** file No E85381 **VW-1** 600V, 150°C
CSA file No LR31920FT, 600V, 150°C
MIL-DTL-23053/18 class 2

230337

Lead Length mm	Mfrs. List No.	Order Code	1+	Price Each	10+	25+	50+
0.5mm CSA Braid M3 - M3							
100	1337666-1	117-4566	7.74	6.27	5.76	5.61	
150	1337666-2	117-4567	8.22	6.69	6.12	5.91	
200	1337666-3	117-4568	8.73	7.02	6.51	6.24	
1.13mm CSA Braid M3.5 - M3.5							
100	1337667-1	117-4569	7.71	6.24	5.76	5.58	
150	1337667-2	117-4570	8.28	6.69	6.12	5.94	
200	1337667-3	117-4571	8.76	7.11	6.54	6.33	
2.26mm CSA Braid M8 - M8							
100	1337668-1	353-2902	7.80	6.24	5.67	5.49	
150	1337668-2	353-2914	8.31	6.66	6.03	5.82	
200	1337668-3	353-2926	8.82	7.05	6.39	6.18	
7.54mm CSA Braid M5 - M5							
100	1337669-1	353-2938	8.25	6.60	6.00	5.79	
150	1337669-2	353-2940	8.91	7.11	6.48	6.24	
200	1337669-3	353-2951	9.54	7.65	6.93	6.69	
8.29mm CSA Braid M5 - M5							
100	1337670-1	353-2963	8.31	6.66	6.06	5.82	
150	1337670-2	353-2975	8.97	7.20	6.54	6.30	
200	1337670-3	353-2987	9.66	7.71	7.02	6.78	
10mm CSA Braid M5 - M5							
100	1337671-1	353-2999	9.63	7.71	7.02	6.78	
150	1337671-2	353-3001	10.38	8.31	7.56	7.29	
200	1337671-3	353-3013	11.10	8.88	8.07	7.80	
15mm CSA Braid M8 - M8							
150	1337706-1	353-3025	12.30	9.84	8.94	8.64	
250	1337706-2	353-3037	14.46	11.58	10.53	10.17	
400	1337706-3	353-3049	17.73	14.19	12.90	12.45	
25mm CSA Braid M8 - M8							
250	1337707-1	117-4572	22.17	17.88	16.53	15.90	
400	1337707-2	353-3062	24.90	19.92	18.09	17.46	
500	1337707-3	353-3074	28.50	22.80	20.73	20.01	
0.5mm CSA Insulated Braid M3 - M3							
100	1337708-1	353-3086	8.19	6.54	5.94	5.73	
150	1337708-2	353-3098	8.70	6.96	6.33	6.09	
200	1337708-3	353-3104	9.18	7.35	6.69	6.45	
1.13mm CSA Insulated Braid M3.5 - M3.5							
100	1337709-1	353-3116	8.16	6.51	5.94	5.73	
150	1337709-2	353-3128	8.70	6.96	6.33	6.12	
200	1337709-3	353-3130	9.27	7.41	6.72	6.48	
2.26mm CSA Insulated Braid M4 - M4							
100	1337710-1	353-3141	9.36	7.50	6.81	6.57	
150	1337710-2	353-3153	9.96	7.98	7.26	6.99	
200	1337710-3	353-3165	10.56	8.46	7.68	7.41	
7.54mm CSA Insulated Braid M5 - M5							
100	1337711-1	353-3177	9.90	7.92	7.20	6.96	
150	1337711-2	353-3189	10.68	8.55	7.77	7.50	
200	1337711-3	353-3190	11.46	9.18	8.34	8.04	
8.29mm CSA Insulated Braid M5 - M5							
100	1337712-1	353-3207	9.99	7.98	7.26	6.99	
150	1337712-2	353-3219	10.77	8.61	7.83	7.56	
200	1337712-3	353-3220	11.58	9.27	8.43	8.13	

Prices are in Singapore Dollars and exclusive of GST.
Due to the volatile nature of certain products,
prices are subject to change without notice.

Welding Cables

PRO-POWER
Quality Cables

- Plain copper conductors sheathed in black chlorinated neoprene
- Manufactured to HOIN-2D.

Voltage rating		100V dc		Temperature rating		-20°C to +80°C	
Size (mm ²)		Current Rating (A)				Outside Dia. (Max.)	Order Code
100%	60%	30%	Duty Cycle*				
16.0	135	175	245	11.5	313-8495		
25.0	180	230	330	13	313-8501		
35.0	225	290	410	14.5	313-8513		

Conductor Area (mm ²)	Conductor Size	Nominal Outside Dia.	Nominal Wall Thickness	Voltage Rating	Current Rating	Mftrs. List No.
10.0	2556/0.07mm	9mm	2.1mm	1500V	75A	61.7613
16.0	4116/0.07mm	10mm	2.2mm	1500V	100A	61.7614
25.0	6496/0.07mm	11.9mm	2.3mm	1500V	130A	61.7615

208284

10m Coils		Price Per Coil			
Area	Order Code	1+	5+	+	+
Transparent					
10.0mm ²	135-446	231.27	219.77	--	--
16.0mm ²	135-458	338.17	321.34	--	--
25.0mm ²	135-460	540.70	513.73	--	--
Black					
10.0mm ²	317-0299	240.52	228.56	--	--
16.0mm ²	317-0305	338.17	321.34	--	--
25.0mm ²	317-0317	519.90	494.00	--	--
Red					
10.0mm ²	317-0329	240.52	228.56	--	--
16.0mm ²	317-0330	338.17	321.34	--	--
25.0mm ²	317-0342	540.70	513.73	--	--
Blue					
10.0mm ²	317-0354	231.27	219.77	--	--
16.0mm ²	317-0366	338.17	321.34	--	--
25.0mm ²	317-0378	519.90	493.97	--	--

Silivolt® - 1V**256/0.05 0.5mm² - Silicone Insulated****MC**

- Super flexible, reinforced silicone insulated stranded wire
- Tightly twisted super-fine wire, oxygen free copper strands

Nominal outside dia.	2.7mm	Test Voltage	8000V
Nominal cross section	0.5mm ² /20AWG	Current rating	12A
Conductor make up	256/0.05mm	Operating temperature	-80°C to +150°C
Conductor dia.	1mm		+250°C, for several hours
Insulation thickness	0.85mm		+300°C, temporarily, solder Iron resistant
Voltage rating	1500V		

61.7605-XX, where X = 21-Black, 22-Red, 23-Blue, 24-Yellow, 25-Green

248613

5m Coils		Price Per Coil/Reel			
Colour	Order Code	1+	5+	+	+
Black	432-6854	22.53	19.44	--	--
Red	432-6866	22.53	19.44	--	--
Blue	432-6878	23.43	20.22	--	--
Yellow	432-6880	22.53	19.44	--	--
Green	432-6891	22.53	19.44	--	--
25m Reels					
Black	432-6908	105.64	99.47	--	--
Red	432-6910	105.64	99.47	--	--
Blue	432-6921	105.64	99.47	--	--
Yellow	432-6933	105.64	99.47	--	--
Green	432-6945	105.64	99.47	--	--

Silivolt® - 1V**651/0.07 2.5mm² - Silicone Insulated****MC**

- Super flexible, reinforced silicone insulated stranded wire
- Tightly twisted super-fine wire, oxygen free copper strands

Nominal outside dia.	4.6mm	Test Voltage	8000V
Nominal cross section	2.5mm ² /13AWG	Current rating	32A
Conductor make up	651/0.07mm	Operating temperature	-80°C to +150°C
Conductor dia.	2.4mm		+250°C, for several hours
Insulation thickness	1.1mm		+300°C, temporarily, solder Iron resistant
Voltage rating	1500V		

61.7610-XX, where X = 21-Black, 22-Red, 23-Blue, 24-Yellow, 25-Green

248614

5m Coil		Price Per Coil/Reel			
Colour	Order Code	1+	5+	+	+
Black	432-6957	52.80	49.73	--	--
Red	432-6969	52.80	49.73	--	--
Blue	432-6970	52.80	49.73	--	--
Yellow	432-6982	52.80	49.73	--	--
Green	432-6994	50.77	47.82	--	--
25m Reel					
Black	432-7007	222.38	207.59	--	--
Red	432-7019	222.38	207.59	--	--
Blue	432-7020	222.38	207.59	--	--
Yellow	432-7032	213.83	199.61	--	--
Green	432-7044	213.83	199.61	--	--

Flex-Sol**56/0.3 4mm² - Double Insulated****MC**

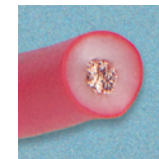
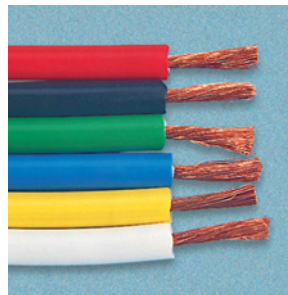
- Single pole, double insulated, halogen free solar cable
- Tinned copper stranding
- VDE tested
- Flame retardant in accordance with DIN EN 50265-2-1
- For use indoors and outdoors

Nominal outside dia.	6.4mm	Voltage rating (dc)	1000V
Nominal cross section	4.0mm ² /11AWG	Current rating	42A
Conductor make up	56/0.3mm	Operating temperature	-40°C to +90°C
Conductor dia.	2.4mm	Max. Resistance/20°C	4.80hm/km

Mftrs. List No. 62.7417-21

248617

25m Reels		Price Per Reel	
Colour	Order Code	1+	5+
Black	119-0626	124.11	120.67

Test Lead Wire**Flexivolt - 2V 1500V, CAT III****258/0.07mm (1.0mm²) - Double insulated****MC**

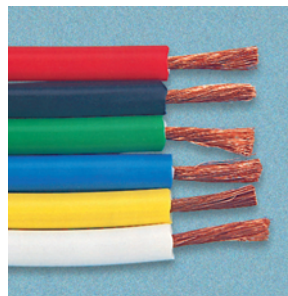
- Fine stranded plain copper conductors with double layered highly flexible reinforced PVC insulation. Neutral inner with coloured outer for high safety requirements
- Designed for operating voltages in **Overvoltage Category III**
- UL 94 - HB recognised

Nominal outside dia.	3.9mm	Current rating	19A
Voltage rating	1500V	Operating temperature	-10°C to +60°C
Test Voltage	8000V		

Mftrs. List No. 7030X, where X = 1-black, 2-red, 3-blue, 4-yellow, 5-green, 8-white

208100

5m Coils		Price Per Coil/Reel			
Colour	Order Code	1+	5+	+	+
Red	611-372	25.64	24.01	--	--
Black	611-384	24.65	23.09	--	--
Green	611-396	25.64	24.01	--	--
Blue	611-402	25.64	24.01	--	--
Yellow	611-414	25.64	24.01	--	--
25m Reels					
Red	611-438	129.58	121.31	--	--
Black	611-440	129.58	121.31	--	--
Green	611-451	129.58	121.31	--	--
Blue	611-463	124.60	116.64	--	--
Yellow	611-475	129.58	121.31	--	--
White	611-487	129.58	121.31	--	--

Silivolt - 1V 1500V, CAT II**512/0.05 (1.0mm²) - Halogen Free Silicone Insulated****MC**

- Fine stranded plain copper conductors with highly flexible reinforced halogen free silicone insulation. Chlorine content <4ppm conforming with DIN VDE 0472, pt 813.
- Designed for operating voltages in **Overvoltage Category II**
- UL 94-HB recognised

Nominal outside dia.	3.7mm	Operating temperature	-80°C to +150°C (cont.)
Voltage rating (Cat II)	1500V		-80°C to +250°C (4 hrs.)
Test Voltage	8000V	Soldering iron resistant	+300°C (10 secs.)
Current rating	19A		

Mftrs. List No. 7607X, where X = 1-black, 2-red, 3-blue, 4-yellow, 5-green, 8-white

208101

5m Coils			Price Per Coil/Reel		
Colour	Order Code	1+	5+	+	+
Red	119-0627	47.60	45.00	--	--
Black	119-0628	47.60	45.00	--	--
White	119-0629	47.60	45.00	--	--
25m Reels					
Red	119-0630	234.11	221.00	--	--
Black	119-0631	234.11	221.00	--	--
Green	119-0632	234.11	221.00	--	--
Blue	119-0633	234.11	221.00	--	--
White	119-0634	234.11	221.00	--	--

PVC - Double Insulated - 1500V CAT II

651/0.07mm (2.5mm²)

MC



- Fine stranded plain copper conductors with soft PVC double insulation to produce a highly flexible wire as used for Multi-Contact ready made test leads, see **Book 4, Section 22**
- Available in Red or Black with White inner insulation.

Nominal outside dia.	4mm	Current rating	32A
Voltage rating	1500V	Operating temperature	-10°C to +70°C
Test Voltage	8000V		

Mfrs. List No. 22.0130-1 = 297-756/218-054, 22.0130-4 = 297-768/218-066

207974

5m Coils			Price Per Coil/Reel		
Colour	Order Code	1+	5+	+	+
Red	297-756	28.20	26.99	--	--
Black	297-768	28.20	26.99	--	--
25m Reels					
Red	218-054	143.87	135.12	--	--
Black	218-066	143.87	135.12	--	--

'Plast' - 2V

525/0.07mm (2.0mm²)

MC



- Fine stranded plain copper conductors
- Thermoplastic rubber, double insulated
- Operates over a wide temperature range
- Excellent flexibility

Nominal outside dia.	3.9mm	Test Voltage	8000V
Voltage rating	1500V	Operating temperature	-30°C to +110°C (cont.)
Current rating	30A		

207975

5m Coils			Price Per Coil/Reel		
Colour	Order Code	1+	5+	+	+
Red	365-3006	27.88	24.77	--	--
Black	365-3018	27.88	24.77	--	--
25m Reels					
Red	365-3020	133.96	119.09	--	--
Black	365-3031	133.96	119.09	--	--

Mains Flex - 2 Core

Note: The number of strands used in the construction of the cable is nominal and may vary.

All the cable contained within this section are manufactured to comply fully with the requirements of BS6500.

339070

2192Y (Har. code H03VVH2-F2)

Two-Core Oval 300/300V

PRO-POWER
Quality CablesCut Lengths
Available

Flexible mains cable for internal use in the direct connection of equipment to mains power supplies.

- PVC insulated and sheathed flexible mains cords
- Standard core colours, Brown & Blue
- Available in Black, Grey or White outer sheath
- Manufactured to BS6500
- Supplied in 100m reels or continuous length in 1m multiples

Conductor Area (mm ²)	Current Rating	Nominal Dia.
0.5	3A	3.3 x 5.4mm
0.75	6A	3.6 x 5.8mm

			Price Per Reel		
Colour	Order Code	1+	5+	+	+
3A 100m Reel					
Black	721-270	42.50	40.00	--	--
Grey	721-281	42.50	40.00	--	--
White	721-293	42.50	40.00	--	--
6A 100m Reel					
Black	721-300	55.90	50.12	--	--
Grey	721-311	55.90	50.12	--	--
White	721-323	55.90	50.12	--	--

335144

Continuous Length in 1m Multiples		Price Per Metre	
Colour	Order Code	1+	+
3A			
Black	385-2738	0.62	
Grey	385-2740	0.62	
White	385-2751	0.62	
6A			
Black	385-2763	0.75	
Grey	385-2775	0.75	
White	385-2787	0.75	

3192Y (Har. code H05VVH2-F)

Two-Core Oval 300/500V

PRO-POWER
Quality Cables

- PVC insulated and sheathed flexible mains cords
- Standard core colours, Brown & Blue
- Available in Black or White outer sheath
- Manufactured to BS6500
- Supplied in 100m reels

Conductor Area (mm ²)	Current Rating	Nominal Dia.
1.0	10A	4.0 x 6.4 mm

335150

			Price Per Reel		
Colour	Order Code	1+	5+	+	+
Black	120-2569	68.63	--	--	--
White	721-359	68.66	61.80	--	--

2182Y (Har. code H03VV-F2)

Two-Core Round 300/300V

PRO-POWER
Quality Cables

- PVC insulated and sheathed flexible mains cords
- Standard core colours, Brown & Blue
- Available in Black, Grey or White outer sheath
- Manufactured to BS6500
- Supplied in 100m reels

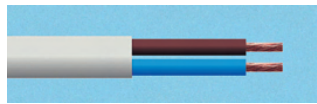
Conductor Area (mm ²)	Current Rating	Nominal Dia.
0.5	3A	5.4
0.75	6A	5.8

335151

			Price Per Reel		
Colour	Order Code	1+	5+	+	+
3A 100m Reel					
Black	721-360	43.97	41.77	--	--
Grey	721-372	46.20	43.00	--	--
White	721-384	46.20	43.00	--	--
6A 100m Reel					
Black	721-396	66.82	59.02	--	--
Grey	721-402	66.82	59.02	--	--
White	721-414	66.82	59.02	--	--

3182Y (Har. code H05VV-F2)

Two-Core Round 300/500V

PRO-POWER
Quality Cables

- PVC insulated and sheathed flexible mains cords
- Standard core colours, Brown & Blue
- Available in various outer sheath colours
- Manufactured to BS6500
- Supplied in 100m reels

Conductor Area (mm ²)	Current Rating	Nominal Dia.
0.5	3A	6.3
0.75	6A	6.8
1.0	10A	7.2
1.25	13A	7.8
1.5	15A	8.2
2.5	20A	10

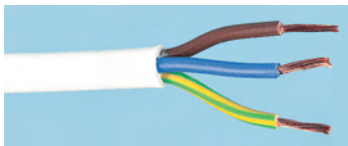
Compliant
Non-compliant
Limited stock - RoHS replacement available

RoHS

335152

Colour	Order Code	1+	5+	Price Per Reel		
				+	+	+
3A						
Grey	120-2700	68.22	55.93	--	--	--
6A						
Black	721-451	66.80	62.20	--	--	--
Grey	120-2701	64.58	58.50	--	--	--
White	721-475	66.80	62.20	--	--	--
Orange	721-487	66.80	62.20	--	--	--
10A						
Black	721-499	95.26	90.50	--	--	--
Grey	120-2702	97.17	78.88	--	--	--
White	721-517	95.26	90.50	--	--	--
13A						
Black	120-2703	121.13	96.04	--	--	--
15A						
Black	721-530	128.25	121.84	--	--	--
White	721-554	128.25	121.84	--	--	--
Grey	120-2705	120.26	115.00	--	--	--
Orange	120-2706	120.26	115.00	--	--	--
20A						
Black	721-566	165.36	157.09	--	--	--
Orange	120-2707	126.89	121.50	--	--	--

Mains Flex - 3 Core

2183Y (Har. code H03VV-F3)
Three-Core Oval 300/300VPRO-POWER
Quality Cables

Flexible mains cable for internal use in the direct connection of equipment to mains power supplies.

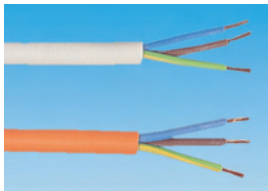
- PVC insulated and sheathed flexible mains cords
- Standard core colours, Brown, Blue & Yellow/Green

- Available in Black, Grey or White outer sheath
- Manufactured to BS6500
- Supplied in 100m reels

Nominal Conductor Area (mm ²)	Current Rating	Nominal Dia.
0.5	3A	5.6
0.75	6A	6.1

335166

Colour	Order Code	1+	5+	Price Per Reel		
				+	+	+
3A						
Black	721-578	61.60	57.30	--	--	--
Grey	721-580	61.60	57.30	--	--	--
White	721-591	61.60	57.30	--	--	--
6A						
Black	721-608	71.00	63.90	--	--	--
Grey	721-610	71.00	63.90	--	--	--
White	721-621	71.00	63.90	--	--	--

3183Y (Har. code H05VV-F3)
Three-Core Round 300/500VPRO-POWER
Quality Cables

- PVC insulated and sheathed flexible mains cords
- Standard core colours, Brown, Blue & Green/Yellow
- Available in various outer sheath colours
- Manufactured to BS6500

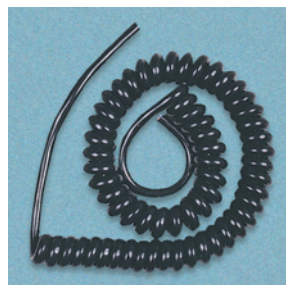
Conductor Area (mm ²)	Current Rating	Nominal Dia.
0.75	6A	6.8
1.0	10A	7.2
1.25	13A	7.8
1.5	15A	8.2
2.5	20A	10
4.0	25A	13

335175

Colour	Order Code	1+	5+	Price Per Reel		
				+	+	+
6A - Bobine de 100m						
Black	721-633	80.00	72.41	--	--	--
Grey	721-645	80.00	72.41	--	--	--
White	721-669	80.00	72.41	--	--	--
Orange	721-670	80.00	72.41	--	--	--
Black	721-682	91.00	82.19	--	--	--
Grey	721-694	91.00	82.19	--	--	--
White	721-700	91.00	82.19	--	--	--

Colour	Order Code	1+	5+	Price Per Reel		
				+	+	+
6A - Bobine de 100m						
Orange	120-2682	91.26	82.19	--	--	--
13A 100m Reel						
Black	721-712	115.00	104.20	--	--	--
Grey	721-724	115.00	104.20	--	--	--
White	721-736	115.00	104.20	--	--	--
Orange	721-748	115.00	104.20	--	--	--
15A 100m Reel						
Black	721-750	114.00	102.60	--	--	--
Grey	721-761	114.00	102.60	--	--	--
White	721-773	114.00	102.60	--	--	--
Orange	120-2683	120.19	114.94	--	--	--
20A 100m Reel						
Black	120-2563	215.11	--	--	--	--
White	721-797	172.00	154.96	--	--	--
Orange	120-2684	185.65	181.16	--	--	--
20A 50m Reel						
Orange	120-2685	92.16	85.22	--	--	--
25A 100m Reel						
Black	120-2687	352.91	332.96	--	--	--
White	120-2688	352.91	332.96	--	--	--
Orange	120-2689	352.91	332.96	--	--	--
25A 50m Reel						
Black	120-2690	181.66	166.08	--	--	--
White	120-2568	178.10	162.83	--	--	--

Continuous Length in 1m Multiples	Order Code	Price Per Metre
Colour		
6A		
Black	385-2854	1.33
White	385-2866	1.33
10A		
Black	385-2878	1.92
White	385-2880	1.92
15A		
Black	385-2891	2.32
White	385-2908	2.32
20A		
Black	385-2910	3.87
White	385-2921	3.87

Coiled Mains Flex (0.20, 0.75 & 1.25mm²)PRO-POWER
Quality Cables

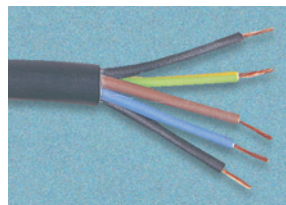
- Three core, Blue, Brown and Green/Yellow
- PVC insulated extendable mains lead available in three current ratings
- Moulded into a coiled Black, White or Grey PVC sheath.

Conductor Area (mm ²)	Length Closed	Length Extended	Current Rating
0.22	0.23m	1.5m	1A
0.75	0.5m	2.44m	6A
1.0	0.5m	2.5m	10A
1.25	0.5m	2.36m	13A

208200

Conductor Area	Order Code	Price Each	
		1+	25+
Black			
0.22mm ²	121-9350	6.23	6.05
0.75mm ²	120-2667	11.30	10.89
1.0mm ²	120-2668	13.46	12.72
1.25mm ²	121-9351	15.97	15.34
White			
0.22mm ²	121-9353	6.23	6.05
0.75mm ²	120-2669	11.30	10.89
1.0mm ²	120-2670	13.46	12.72
1.25mm ²	121-9354	15.97	15.34
Grey			
1.0mm ²	120-2671	13.46	12.72

Mains Flex - 4 & 5 Core

0.75, 1.0, 1.5 and 2.5mm² - 3184Y/3185YPRO-POWER
Quality Cables

- 4 and 5 core PVC insulated copper conductors. Sheathed overall in Black PVC to BS6500 Table 16, harmonised code H05VV-F. 4 core brown, blue, black, green/yellow. 5 core as above + 1 black conductor

Prices are in Singapore Dollars and exclusive of GST.
Due to the volatile nature of certain products,
prices are subject to change without notice.

Conductor Area (mm ²)	Nominal Conductor Size	Outside Min.	Outside Max.	Nominal Current
0.75mm ²	24/0.2mm	7.4	9.6	6A
1.0mm ²	32/0.2mm	8.3	10	10A
1.5mm ²	30/0.25mm	10	12	15A
2.5mm ²	50/0.25mm	11.5	14	20A

207983

100m Reels		Price Per Reel			
Conductor Area	Order Code	1+	5+	+	+
4 core(Black)					
0.75mm ²	235-623	115.00	103.50	--	--
1.0mm ²	235-635	134.00	120.60	--	--
2.5mm ²	267-326	267.00	240.30	--	--
5 core(Black)					
0.75mm ²	235-659	130.15	117.14	--	--
1.0mm ²	235-660	195.70	176.13	--	--
1.5mm ²	235-672	211.85	190.67	--	--
2.5mm ²	277-230	332.00	299.00	--	--

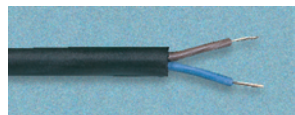
Heavy item, special delivery conditions apply

Continuous Length in 1m Multiples		Price Per Metre			
Conductor Area	Order Code	1+	5+	+	+
4 core (Black)					
0.75mm ²	385-2933			1.82	
1.0mm ²	385-2945			2.47	
1.5mm ²	385-2957			3.25	
2.5mm ²	385-2969			4.97	
5 core (Black)					
0.75mm ²	385-2970			2.76	
1.0mm ²	385-2982			3.25	
1.5mm ²	385-2994			4.58	
2.5mm ²	385-3007			7.49	

Rubber Insulated Mains Flex

Rubber Sheathed Flexible Cable - H05RR-F

PRO-POWER Quality Cables



- Annealed tinned copper conductors insulated with EM1 rubber to form a round cable
- For use in offices, kitchens, domestic premises to supply portable and light mobile appliances subject to lower mechanical stress

- Sheath colour Black.

Voltage rating 300/500V Max. conductor temp. +60°C

3182 VR/TRS - 2 Core

Conductor Area (mm ²)	Current Rating	Nominal Dia.	Order Code
0.75mm ²	6A	7.1	717-198
1.0mm ²	10A	7.7	717-204
1.5mm ²	15A	9.4	717-216

100m - 2 Core		Price Per Reel			
Conductor Area	Order Code	1+	5+	+	+
0.75mm ²	717-198	165.20	148.68	--	--
1.0mm ²	717-204	188.04	169.24	--	--
1.5mm ²	717-216	239.24	215.32	--	--

3183 VR/TRS - 3 Core

Conductor Area (mm ²)	Current Rating	Nominal Dia.	Order Code
0.75mm ²	6A	7.7	717-228
1.0mm ²	10A	8.1	717-230
1.5mm ²	15A	9.8	717-241

100m - 3 Core		Price Per Reel			
Conductor Area	Order Code	1+	5+	+	+
0.75mm ²	717-228	163.34	147.01	--	--
1.0mm ²	717-230	224.84	202.36	--	--
1.5mm ²	717-241	263.34	237.01	--	--

3184 VR/TRS - 4 Core

Conductor Area (mm ²)	Current Rating	Nominal Dia.	Order Code
0.75mm ²	6A	8.5	475-4542
1.0mm ²	10A	8.8	475-4554
1.5mm ²	15A	11.2	475-4566

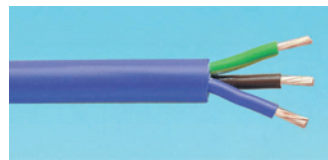
208131

100m - 4 Core		Price Per Reel			
Conductor Area	Order Code	1+	5+	+	+
0.75mm ²	475-4542	139.61	125.65	--	--
1.0mm ²	475-4554	184.33	165.89	--	--
1.5mm ²	475-4566	248.07	223.26	--	--

Artic Grade Mains Flex - 3 Core

3183YAG - Artic Grade Three-Core Round Artic Flex

PRO-POWER Quality Cables



- Plain stranded copper conductors, Blue, Brown, Green/Yellow insulated.
- Sheathed overall in Arctic grade PVC
- Suitable for outdoor applications and where flexibility is required at sub-zero temperatures
- Available in Yellow, Blue or Orange sheath

Voltage rating 300/500V		Operating temperature		-20°C to +70°C	
Conductor Area (mm ²)	Outside Min.	Max.	Current Rating		
0.75mm ²	6.4	8	6A		
1.5mm ²	8	9.8	15A		
2.5mm ²	9.6	12	20A		

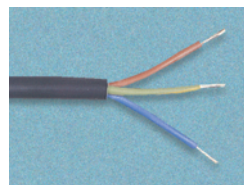
100m Reels		Price Per Reel			
Conductor Area	Order Code	1+	5+	+	+
Yellow					
0.75mm ²	120-2675	95.91	87.82	--	--
1.5mm ²	152-383	131.00	119.00	--	--
2.5mm ²	267-338	227.70	211.50	--	--
Blue					
0.75mm ²	152-382	95.91	87.82	--	--
1.5mm ²	152-384	131.00	119.00	--	--
2.5mm ²	267-340	227.70	211.50	--	--
Orange					
0.75mm ²	120-2676	105.46	95.25	--	--
1.5mm ²	120-2677	137.44	128.53	--	--
2.5mm ²	120-2678	221.00	200.55	--	--

230420

Heat Resisting Mains Flex - 3 Core

Silicone Insulated, 3093Y

PRO-POWER Quality Cables



- Blue, Brown and Green/Yellow
- Tinned copper conductors
- Silicone rubber insulated to **BS6899**
- Sheathed overall in high temperature PVC to **BS6746**, Type 4

Max. working temperature 85°C Sheath, 150°C Core
Voltage rating 300/500V

Conductor Area (mm ²)	Outside Min.	Diameter Max.	Current Rating (20°C)	Conductor Area (mm ²)	Outside Min.	Diameter Max.	Current Rating (20°C)
0.5mm ²	5.8	7.8	3A	1.0mm ²	6.8	8.4	10A
0.75mm ²	6.4	8.0	6A	1.5mm ²	7.3	8.00	15A

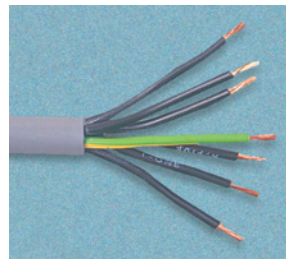
230421

Conductor Area		Price Per Reel			
Order Code	1+	5+	+	+	+
Black (100m Reels)					
0.5mm ²	117-9218	264.01	243.00	--	--
0.75mm ²	117-9219	274.48	265.66	--	--
1.0mm ²	117-9220	323.84	297.83	--	--
Black (25m Reels)					
0.75mm ²	117-9221	71.15	66.63	--	--
1.5mm ²	117-9222	117.35	114.00	--	--
White (100m Reels)					
0.75mm ²	117-9223	274.48	265.66	--	--
1.0mm ²	117-9224	323.84	297.83	--	--
White (25m Reels)					
0.75mm ²	117-9225	71.15	66.63	--	--
1.5mm ²	117-9227	117.35	114.00	--	--

Flexible Power Control Cable

YY Type - PVC Sheathed

Nexans



- Flexible PVC insulated plain copper conductors
- Sheathed overall in Grey PVC to **VDE** specifications
- Applications data: instrumentation, power control in areas not requiring screened armour protection.

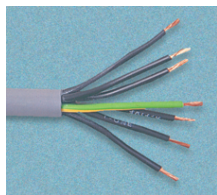
Operating temperature -20°C to +80°C (fixed installation)
-5°C to +70°C (flexing) Voltage rating 300/500V

Conductor Area (mm ²)	3 Core	4 Core	5 Core	7 Core	12 Core	Current Rating
0.75mm ²	6.3	6.8	7.1	8.5	10.5	6A
1.0mm ²	6.6	7.3	—	9.1	—	10A
1.5mm ²	7.3	8	9	10.4	—	16A
2.5mm ²	9.1	9.8	11	—	—	20A
Core Colour Codes	3 Core: 2 x numbered Black, Green/Yellow 4 Core: 3 x numbered Black, Green/Yellow 5 Core: 4 x numbered Black, Green/Yellow 7 Core: 6 x numbered Black, Green/Yellow 12 Core: 11 x numbered Black, Green/Yellow					

230423

50m Reels	Conductor Area	Order Code	1+	5+	+	+
3 Core						
0.75mm ²		118-4432	51.16	46.95	--	--
1.0mm ²		118-4433	56.58	53.59	--	--
1.5mm ²		118-4434	76.47	72.72	--	--
2.5mm ²		118-4435	119.35	111.08	--	--
4 Core						
0.75mm ²		118-4437	66.21	60.62	--	--
1.0mm ²		118-4438	75.70	67.71	--	--
1.5mm ²		118-4439	110.00	--	--	--
2.5mm ²		118-4440	145.07	138.62	--	--
5 Core						
0.75mm ²		118-4442	108.22	101.76	--	--
1.5mm ²		118-4443	124.22	117.06	--	--
2.5mm ²		118-4444	195.16	186.12	--	--
7 Core						
0.75mm ²		118-4445	149.98	134.79	--	--
1.0mm ²		118-4446	178.69	160.18	--	--
1.5mm ²		118-4447	160.24	153.57	--	--
12 Core						
0.75mm ²		118-4448	147.14	117.85	--	--

YY Cable

PRO-POWER
Quality Cables

- Flexible power control cable commonly used in power control, instrumentation or automated equipment where screening or armoring is not required
- Overall sheathed in Grey PVC with plain copper conductors

Conductor Area (mm ²)	3 Core	4 Core	5 Core	7 Core	8 Core	12 Core	18 Core	Current Rating
0.75	7.1	7.7	8.6	9.5	—	12.6	13.4	6A
1.0	7.6	8.2	—	10.1	—	—	—	10A
1.5	8.9	9.6	10.8	11.9	11.6	—	17	16A
2.5	13.8	11.6	12.6	—	13.8	—	21	20A

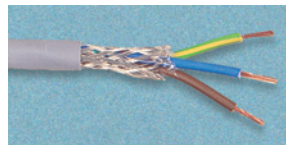
232169

Conductor Area	Reel Length (m)	Order Code	1+	5+
3 Core				
0.75mm ²	50	388-4466	45.70	41.13
0.75mm ²	100	388-4478	71.99	68.41
1.0mm ²	50	388-4480	49.02	44.12
1.0mm ²	100	388-4491	82.03	77.94
1.5mm ²	100	388-4510	108.52	103.12
2.5mm ²	100	388-4533	163.62	147.26
4 Core				
0.75mm ²	50	388-4545	45.66	43.39
0.75mm ²	100	388-4557	87.98	81.97
1.0mm ²	50	388-4569	73.15	65.84
1.0mm ²	100	388-4570	107.41	102.05
1.5mm ²	50	388-4582	78.16	74.26
1.5mm ²	100	388-4594	150.05	142.58
2.5mm ²	50	388-4600	127.11	120.77
2.5mm ²	100	388-4612	247.39	235.04
5 Core				
0.75mm ²	50	388-4624	74.91	71.18
1.5mm ²	50	388-4636	103.72	93.35
2.5mm ²	50	388-4648	156.16	148.36
7 Core				
0.75mm ²	50	388-4650	101.92	96.85
1.0mm ²	50	388-4661	133.93	127.24
1.5mm ²	50	388-4673	149.00	139.00
2.5mm ²	50	120-2708	253.78	231.85
8 Core				
1.5mm ²	50	120-2709	214.27	196.49
2.5mm ²	50	120-2710	313.84	298.14

Conductor Area	Reel Length (m)	Order Code	1+	5+
12 Core				
0.75mm ²	50	388-4685	130.49	123.99
1.5mm ²	50	120-2711	249.76	231.01
2.5mm ²	50	120-2712	387.13	351.21
18 Core				
0.75mm ²	50	120-2713	300.22	289.27
1.5mm ²	50	120-2714	333.03	293.95
2.5mm ²	50	120-2715	524.29	--

CY Type - Copper Braid Screened

RAYDEX/CDT



- Flexible PVC insulated plain copper conductors
- Sheathed overall in Grey PVC
- Applications: data, instrumentation, power control, areas that are electrically noisy and require screening
- Ability to withstand vibration

Operating temperature -20°C to +70°C (fixed installation)
-5°C to +70°C (flexing) Voltage rating 300/500V

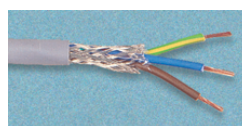
Conductor Area	Conductor Size	3 Core	4 Core	5 Core	7 Core	Current Rating
0.75mm ²	24/0.2mm	7.2	7.8	8.2	9.5	6A
1.0mm ²	32/0.2mm	7.5	8.2	9.1	10.2	10A
1.5mm ²	30/0.25mm	8.2	9.1	10.3	11.1	16A
2.5mm ²	50/0.25mm	10.1	11.1	12.4	--	20A

Core Colour Codes
2 Core: Blue, Brown
3 Core: Blue, Brown, Green/Yellow
4 Core: Blue, Brown, Black, Green/Yellow
5 Core: Blue, Brown, 2 x Black, Green/Yellow
7 Core: 6 x numbered Black, Green/Yellow

219616

50m Reels	Conductor Area	Order Code	1+	5+	+	+
2 Core						
	1.0mm ²	981-710	108.96	103.47	--	--
3 Core						
	0.75mm ²	388-4697	85.44	81.19	--	--
	1.0mm ²	388-4715	92.95	88.30	--	--
	1.5mm ²	388-4739	118.14	109.01	--	--
	2.5mm ²	388-4752	153.69	146.02	--	--
4 Core						
	0.75mm ²	388-4776	100.10	95.10	--	--
	1.0mm ²	388-4790	126.33	120.02	--	--
	1.5mm ²	388-4818	141.55	131.85	--	--
	2.5mm ²	388-4831	178.00	169.13	--	--
5 Core						
	0.75mm ²	388-4855	130.63	124.11	--	--
	1.0mm ²	388-4879	160.42	152.43	--	--
	2.5mm ²	388-4910	234.74	223.02	--	--
7 Core						
	0.75mm ²	797-546	234.39	226.21	--	--
	1.5mm ²	388-4922	238.12	226.22	--	--

CY Cable

PRO-POWER
Quality Cables

- Flexible power control cable used in data applications and automated equipment where screening is required and the equipment could be subject to vibration
- Grey PVC insulation with a tinned annealed copper braid

Conductor Area (mm ²)	Conductor Size	3 Core	4 Core	5 Core	7 Core	Current Rating
0.75	24/0.2mm	7.2	7.8	8.2	—	6A
1.0	32/0.2mm	7.5	8.2	9.1	—	10A
1.5	30/0.25mm	8.2	9.1	10.3	11.1	16A
2.5	50/0.25mm	10.1	11.1	12.4	—	20A

Core Colour Codes
3 Core: Blue, Brown, Green/Yellow
4 Core: Blue, Brown, Black, Green/Yellow
5 Core: Blue, Brown, 2 x Black, Green/Yellow
7 Core: 6 numbered Black, Green/Yellow

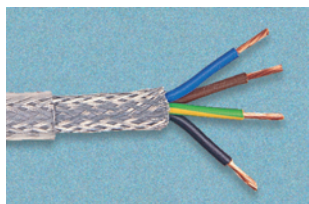
232170

Conductor Area	Reel Length (m)	Order Code	1+	5+	+	+
3 Core						
0.75mm ²	50	388-4697	85.44	81.19	--	--
0.75mm ²	100	388-4703	161.85	153.76	--	--
1.0mm ²	50	388-4715	92.95	88.30	--	--
1.0mm ²	100	388-4727	172.25	163.64	--	--
1.5mm ²	50	388-4739	118.14	109.01	--	--
1.5mm ²	100	388-4740	215.18	202.96	--	--
2.5mm ²	50	388-4752	153.69	146.02	--	--
2.5mm ²	100	388-4764	302.25	287.14	--	--

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Due to the volatile nature of certain products,
prices are subject to change without notice.

Conductor Area	Reel Length (m)	Order Code	1+	5+	+	+
4 Core						
0.75mm ²	50	388-4776	100.10	95.10	--	--
0.75mm ²	100	388-4788	198.83	185.22	--	--
1.0mm ²	50	388-4790	126.33	120.02	--	--
1.0mm ²	100	388-4806	241.83	229.74	--	--
1.5mm ²	50	388-4818	141.55	131.85	--	--
1.5mm ²	100	388-4820	267.67	254.31	--	--
2.5mm ²	50	388-4831	178.00	169.13	--	--
2.5mm ²	100	388-4843	346.06	328.77	--	--
5 Core						
0.75mm ²	50	388-4855	130.63	124.11	--	--
0.75mm ²	100	388-4867	239.98	227.98	--	--
1.0mm ²	50	388-4879	160.42	152.43	--	--
1.0mm ²	100	388-4880	301.60	286.52	--	--
1.5mm ²	50	388-4892	188.88	175.96	--	--
1.5mm ²	100	388-4909	334.75	318.01	--	--
2.5mm ²	50	388-4910	234.74	223.02	--	--
7 Core						
1.5mm ²	50	388-4922	238.12	226.22	--	--
1.5mm ²	100	388-4934	458.63	435.72	--	--

SY Cable - Steel Braid Armoured



- Flexible power control cable ideal for use with mains/power and machine tools where equipment may be subject to vibration
- Inner cores are overall sheathed in Grey PVC, galvanised steel braid and a transparent layer of PVC
- Inner cores are annealed copper sheathed in numeric coded PVC

Operating temperature

-20°C to +70°C (fixed installation)
-5°C to +70°C (flexing)
300/500V

Voltage rating

Conductor Area (mm ²)	Conductor Size	2 Core	3 Core	4 Core	5 Core	Current Rating
0.75	24/0.2mm	8.4	8.5	9.6	10.9	6A
1.0	32/0.2mm	9.1	9.8	9.9	11.2	10A
1.5	30/0.25mm	10.0	10.3	11.2	12.3	16A
2.5	50/0.25mm	11.7	12.2	13.7	14.8	20A
4.0	56/0.3mm	13.1	14.7	16.8	18.1	30A

Core Colour Codes 2 Core: Black, Green/Yellow
3 Core: 2 numbered Black, Green/Yellow
4 Core: 3 numbered Black, Green/Yellow
5 Core: 4 numbered Black, Green/Yellow
12 Core: 11 numbered Black, Green/Yellow
18 Core: 17 numbered Black, Green/Yellow

232171

Conductor Area	Reel Length (m)	Order Code	1+	5+	+
2 Core					
0.75mm ²	50	388-4946	101.2800	91.1500	--
0.75mm ²	100	388-4958	192.6300	173.3700	--
1.0mm ²	50	388-4960	114.6300	103.1700	--
1.0mm ²	100	388-4971	221.8100	199.6300	--
1.5mm ²	50	388-4983	120.6700	108.6000	--
1.5mm ²	100	388-4995	235.4600	211.9200	--
2.5mm ²	50	388-5008	192.7700	173.4900	--
2.5mm ²	100	388-5010	362.8500	326.5600	--
4.0mm ²	50	388-5021	240.0700	216.0600	--
3 Core					
0.75mm ²	100	388-5033	208.7700	187.8900	--
0.75mm ²	50	388-5045	110.4000	99.3600	--
1.0mm ²	100	388-5057	226.0800	203.4700	--
1.0mm ²	50	388-5069	117.7700	105.9900	--
1.5mm ²	100	388-5070	255.9700	230.3700	--
1.5mm ²	50	388-5082	132.6800	119.4100	--
2.5mm ²	100	388-5094	328.0100	295.2100	--
2.5mm ²	50	388-5100	169.5600	152.6100	--
4.0mm ²	50	388-5112	263.9900	237.5900	--
4 Core					
0.75mm ²	100	388-5124	227.2400	204.5200	--
0.75mm ²	50	388-5136	121.6200	109.4600	--
1.0mm ²	100	388-5148	239.2500	215.3300	--
1.0mm ²	50	388-5150	128.6100	115.7500	--
1.5mm ²	100	388-5161	273.8200	246.4400	--
1.5mm ²	50	388-5173	150.4500	135.4100	--
2.5mm ²	100	388-5185	352.2000	316.9800	--
2.5mm ²	50	388-5197	185.6100	167.0500	--
4.0mm ²	50	388-5203	313.1900	281.8700	--
6.0mm ²	50	120-2717	505.7200	494.2300	--
5 Core					
0.75mm ²	50	388-5215	149.0600	134.1500	--
1.0mm ²	50	388-5227	190.2500	171.2200	--
1.5mm ²	50	388-5239	204.3400	183.9100	--
2.5mm ²	50	388-5240	270.8200	243.7300	--

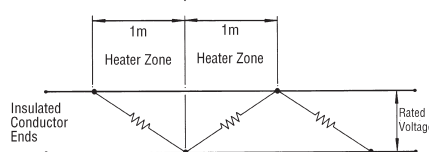
Conductor Area	Reel Length (m)	Order Code	1+	5+
5 Core				
2.5mm ²	100	120-2718	620.9500	608.1300
4.0mm ²	50	388-5252	409.0600	368.1500
1.0mm ²	50	490-9252	623.8100	561.4200
12 Core (O/D 1mm = 15.4mm, 1.5mm = 17.2mm)				
1.0mm ²	50	843-9559	290.2700	260.7422
1.5mm ²	50	843-9567	351.5100	335.6705
18 Core (O/D 1mm = 17.5mm, 1.5mm = 20.6mm)				
1.0mm ²	50	843-9575	351.4400	327.9701
1.5mm ²	50	843-9583	492.2200	468.9209

Parallel Circuit Heating Cable

VC240V 8W/m

PRO-POWER
Quality Cables

Equivalent Circuit



- Twin Blue silicone rubber insulated 26/0.25mm (1.3mm²) plain copper conductors with continuous nickel/chrome spiral wound heating element. Sheathed overall in Yelow silicone rubber conforming to **BS6351 Grade 2.2**.
- Designed for frost protection and process control, the cable consists of a number of heating zones, each connected across both conductors (indicated by alternate notches along outer sheath). The cable heats up between notches when the conductors are connected to 240V.
- Supplied as a 20m kit with 3 termination sets, fixing tape and instructions.

Dimensions 9.75 x 5.25 Output rating 8W @ 240V
Operating temperature -60°C to +200°C Voltage rating 240V ac/dc
Surface temperature @ 20 ambient 38°C

207973

20m Reel Kit	Order Code	1+	5+	+	+
	217-116	339.78	326.85	--	--

Mains Installation

Core Colour Harmonisation of Low Voltage Fixed Wiring Cables

The 1st April 2004 will see a major revision to the cable core colour identification for low voltage fixed wiring cable. On that date, with the publication of an amendment to BS 7671 (Wiring Regulations), the new core colour identification will be recognised whereby blue will be used to identify the neutral, instead of the current use of black, with phase colours becoming brown, black and grey. Green/yellow will continue to be used to identify any protective earth conductor. Many existing cable standards are to be amended and published on the same date to recognise this change in cable core colours. These changes are summarised below:

Schematic of alternative interfaces



There is to be a transitional period of two years from the 1st April 2004 to the 1st April 2006, in which to complete the changeover to the new harmonised core colours. From the 1st April 2004 throughout this transitional period the use of either existing or the new harmonised core colours is permitted within new installations, but never within the same new installation. A new Appendix F is to be introduced within BS 7671 (Wiring Regulations), to cover issues of Interface Marking which may arise where an existing installation is to be extended. Any installation commencing on site on or after the 1st April 2006 must only use the new harmonised core colours.

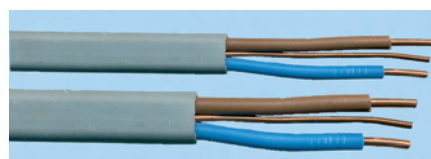
For more information visit: www.iee.org/cablecolours

367680

6242Y 2 Core & Earth BS6004

Harmonised Core Colours

PRO-POWER



Compliant
Non-compliant
+ Limited stock - RoHS replacement available

RoHS

- Harmonised core coloured Twin & Earth Cables
- Brown & Blue sheathed conductors and uninsulated earth
- Grey PVC outer sheath
- Supplied by the metre, 100 metre and 50m reels
- BASEC approved

CSA mm ²	Current Amps	Core make up	O/D Dims (mm)
1.0	15	1/1.13mm	4.1x7.6
1.5	20	1/1.38mm	4.5x8.6
2.5	27	1/1.78mm	5.1x10.2
4.0	36	7/0.85mm	6.1x11.8
6.0	46	7/1.04mm	6.7x13.4
10.0	63	7/1.35mm	8.0x17.2
16.0	85	7/1.7mm	9.1x19.4

Description	Order Code	Price Per Metre
Continuous Lengths in 1m Multiples		
1.00mm Grey	799-5539	2.18
1.50mm Grey	799-5563	2.41
2.50mm Grey	799-5580	2.88
4.00mm Grey	799-5601	3.85
6.00mm Grey	799-5628	4.52
10.0mm Grey	799-5644	6.63
16.0mm Grey	799-5660	9.94

Description	Order Code	1+	5+
25m Reels			
1.00mm Grey	799-5687	18.01000	16.23780
1.50mm Grey	799-5709	28.88000	--
2.50mm Grey	799-5725	43.02000	--
4.00mm Grey	799-5741	57.59000	--
6.00mm Grey	799-5768	70.64000	--
10.0mm Grey	799-5784	80.75000	79.14672
16.0mm Grey	799-5806	233.66000	218.95920

Description	Order Code	1+	5+
50m Reels			
1.00mm Grey	799-5822	29.46000	27.68796
1.50mm Grey	799-5849	38.44000	37.29672
2.50mm Grey	799-5865	99.34000	--
4.00mm Grey	799-5881	99.50000	92.50524
6.00mm Grey	799-5903	213.74000	--
10.0mm Grey	799-5920	263.32000	245.27450
16.0mm Grey	799-5946	352.48000	333.02560

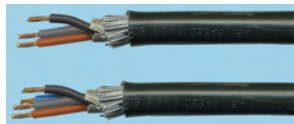
361299

Description	Order Code	1+	5+
100m Reels			
1.00mm Grey	799-5962	98.7300	--
1.50mm Grey	799-5989	117.2500	--
2.50mm Grey	799-6012	175.8400	--
4.00mm Grey	799-6039	192.9100	189.0281
6.00mm Grey	799-6055	263.4200	235.8331

Steel Wire Armoured LSF Cable

Harmonised Core Colours

PRO-POWER
Quality Cables



- Low Smoke and Fume (LSF) sheathed cables
- Smoke and corrosive gas emission in accordance with **BS6724**
- HCL not greater than 5% when tested to **BS6425**
- Reduced flame propagation requirements of **BS4066 part 1** (single vertical wire) and **part 3** (bunched cables) IEC 322:3 categories **A, B and C**.

Conductors	Plain annealed Copper
Insulation	Cross Linked Polyethylene (XLPE)
Bedding	Thermosetting low smoke and fume compound (LSF)
Armour	Galvanised Steel wire armour
Sheath	Thermosetting low smoke and fume compound (LSF)
Voltage	600/1000V
Operating temp. range	-10°C to +90°C

Colour Codes: 2 core - Brown, Blue. 3 core - Brown, Black, Grey. 4 core - Brown, Black, Grey, Blue.

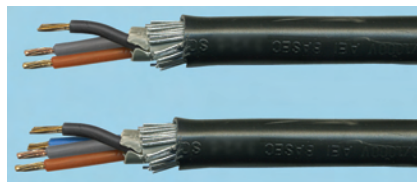
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Size mm ²	Reel wt. kg	O.D. mm	Reel Length m	Order Code	1+	Price Per Reel	2+	+
2-Core 6942B								
1.5	34.5	12.4	100	800-1359	343.6400	--	--	--
3-Core 6943B								
1.5	37.8	13	100	800-1367	392.9300	--	--	--
2.5	43.7	14.1	100	800-1375	465.9300	--	--	--
4-Core 6944B								
1.5	42.1	14	100	800-1383	500.2200	477.7596	--	--
2.5	49.2	15	100	800-1391	679.1300	--	--	--

Steel Wire Armoured Cable

Harmonised Core Colours

PRO-POWER
Quality Cables



NEW

- Suitable for mains supply electricity and can be used externally or buried.
- Cross linked polyethylene (XLPE) insulated booklet armoured cables benefit from superior thermal and mechanical properties
- Conform to: **BS6360** - Conductors, **BS6746 Type 9** - Sheath, **BS1442** - Armour

Conductors	Stranded annealed Copper	Sheath	PVC
Insulation	XLPE (cross linked polyethylene)/PVC	Voltage	600/1000V
Bedding	Extruded PVC	Operating temperature	-40°C to +90°C
Armour	Galvanised Steel wire armour		

Colour Codes: - 2 core: Brown, Blue. 3 core - Brown, Black, Grey. 4 core - Brown, Black, Grey, Blue.

382626.408983

Size mm ²	Reel wt. kg	O.D. mm	Reel Length m	Order Code	1+	Price Per Reel	3+
2-Core 6942X							
1.5	15.3	12.4	50	866-3750▲	151.7600	146.3076	
1.5	34.5	12.4	100	866-3769▲	230.5100	209.6852	
2.5	17.6	13.2	50	866-3777▲	141.8500	134.5561	
3-Core 6943X							
1.5	16.9	12.9	50	866-3793▲	200.5800	184.7092	
1.5	37.8	12.9	100	866-3807▲	264.2200	245.8771	
2.5	19.9	13.8	50	866-3815▲	201.9500	182.9682	
2.5	43.7	13.8	100	866-3823▲	404.6100	386.1583	
4.0	24.1	14.9	50	866-3831▲	247.5800	233.6234	
6.0	32	17.4	50	866-3840▲	273.3700	--	
10.0	49.4	18.9	50	866-3858▲	754.0700	739.0040	
4-Core 6944X							
1.5	19.1	13.7	50	866-3866▲	156.7900	139.2098	
1.5	42.1	13.7	100	866-3874▲	301.3200	279.3236	
2.5	22.6	14.7	50	866-3882▲	212.7000	202.0183	
2.5	49.2	14.7	100	866-3890▲	334.8000	--	
4.0	28.2	16.2	50	866-3904▲	339.5900	325.8274	

Twin 'Figure 8' Cable (Low Voltage)

Twin Figure 8 Speaker Cable

PRO-POWER
Quality Cables



- PVC insulated plain annealed copper
- Laid in a flat figure of 8 construction with markings to indicate polarity

Conductor Area (mm ²)	Conductor Size	Current Rating	Nominal Dimensions (mm)
0.22mm ²	7/0.2mm	1A	4 x 2
0.41mm ²	13/0.2mm	2.5A	4.3 x 2.3
0.68mm ²	24/0.2mm	5A	4.6 x 2.3
1.0mm ²	32/0.2mm	10A	6 x 3
2.5mm ²	79/0.2mm	20A	6.6 x 3.3

232146

100m Reels	Conductor Size	Colour	Order Code	1+	5+	Price Per Reel	+
	7/0.2mm	Grey	378-8003	13.71	12.34	--	--
	7/0.2mm	Black	378-8015	13.71	12.34	--	--
	13/0.2mm	Black ribbed	378-8040	24.54	22.08	--	--
	24/0.2mm	White	378-8052	30.42	27.38	--	--
	32/0.2mm	White	378-8064	37.48	33.74	--	--
	79/0.2mm	White	378-8076	87.19	78.47	--	--
	79/0.2mm	Black	378-8088	87.19	78.47	--	--
	79/0.2mm	Black ribbed	378-8090	87.19	78.47	--	--
1000m Reels	13/0.2mm	Grey	378-8027	145.77	131.19	--	--

13/0.2mm (0.41mm²)

PRO-POWER
Quality Cables



- Figure 8 speaker cable
- Plain copper conductors

Nom. Overall dimensions	2.03x4.18	Maximum temperature	-15 °C to +70 °C
Voltage rating	60V rms	Nominal wall thickness	0.5
Current rating	2A		

208107

100m Reel					
PVC Colour/Polarity					
Stripe	Order Code	1+	5+	+	+
Black/White	303-4197	34.74	31.27	--	--
Grey/Black	710-192	34.74	31.27	--	--
White/Rib	303-4185	34.74	31.27	--	--
Clear/Rib	120-2749	51.78	48.13	--	--

Telecommunications Cable

7/0.15mm CW1311 - Oval



- Tinned copper conductor line cord sheathed overall in light Grey non-marring PVC to BT Specification CW1311. Suitable for connection of handset plugs.

Normal colour coding to plug pin number.

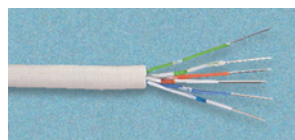
	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6
4 core	—	White	Green	Blue	Red	—
6 core	Black	White	Green	Blue	Red	Orange

	Nominal Dimension	Core Colour	Order Code
4-core (oval)	5-5.5 × 3-3.5	4-Red, Blue, Green, White	120-2604
6-core (oval)	7-7.5 × 3-3.5	6-Orange, Red, Blue, Green, White, Black	120-2605

208254

100m Reel					
No. of Cores	Order Code	1+	5+	+	+
4	120-2604	101.91	93.64	--	--
6	120-2605	142.52	133.15	--	--
Continuous Length in 1m Multiples					
6	385-3639	1.46	--	--	--

1/0.5mm CW1308 - Round



- Sheathed overall in White PVC to BT Specification CW1308
- Suitable for the connection of telephone line outlet sockets.
- Available in 100m reels and cut to length

Nominal outside diameter:
2 pair (2.9mm), 3 pair (4.4mm), 4 pair (5.0mm),
6 pair (5.6mm), 10 pair (6.65mm),
12 pair (7.2mm), 20 pair (9.1mm).

Colour Coding (BASE COLOUR - Band colour)

1 WHITE-Blue	11 RED-Blue	21 BLACK-Blue	31 YELLOW-Blue
2 BLUE-White	12 BLUE-Red	22 BLUE-Black	32 BLUE-Yellow
3 WHITE-Orange	13 RED-Orange	23 BLACK-Orange	33 YELLOW-Orange
4 ORANGE-White	14 ORANGE-Red	24 ORANGE-Black	34 ORANGE-Yellow
5 WHITE-Green	15 RED-Green	25 BLACK-Green	35 YELLOW-Green
6 GREEN-White	16 GREEN-Red	26 GREEN-Black	36 GREEN-Yellow
7 WHITE-Brown	17 RED-Brown	27 BLACK-Brown	37 YELLOW-Brown
8 BROWN-White	18 BROWN-Red	28 BROWN-Black	38 BROWN-Yellow
9 WHITE-Grey	19 RED-Grey	29 BLACK-Grey	39 YELLOW-Grey
10 GREY-White	20 GREY-Red	30 GREY-Black	40 GREY-Yellow

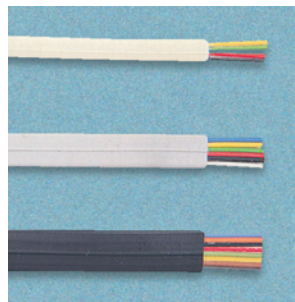
Suitable cable clips: 2 pair=150-824, 3 pair=150-331, 4 pair=150-332, 6 pair=150-825, 10 pair=150-333, 12 pair=150-333, 20 pair=150-334.

219625

100m Reel					
No. of Cores	Order Code	1+	5+	+	+
4 (2 pair)	147-769	35.64	35.62	--	--
6 (3 pair)	147-770	51.71	51.06	--	--
8 (4 pair)	148-941	62.99	62.76	--	--
12 (6 pair)	148-942	90.49	89.90	--	--
20 (10 pair)	148-943	165.41	164.71	--	--
24 (12 pair)	148-944	184.31	183.95	--	--
40 (20 pair)	148-945	292.56	263.30	--	--

FCC-68/Data Cable

4, 6, and 8 Core: 7/0.16mm (26 AWG) - Flat



- 4, 6 and 8-core line cordage
- Western Electric and FCC-68 style plugs application
- Plain copper conductors insulated in colour coded PVC and sheathed overall in PVC
- Available in 100m reels and cut to length

6 Core
○○○○○○

Normal colour coding to plug pin number.

PRO-POWER
Quality Cables

Cut Lengths
Available

100m Reel					
4 Core					
Order Code	1+	5+	+	+	
Grey	120-2606	83.67	78.95	--	--
Black	120-2607	83.67	78.95	--	--
White	120-2608	83.67	78.95	--	--
6 Core					
Grey	120-2609	118.82	112.76	--	--
Black	120-2610	118.82	112.76	--	--
White	120-2611	118.82	112.76	--	--
8 Core					
Grey	120-2612	171.82	162.01	--	--
Black	120-2614	183.84	173.33	--	--

Continuous Length in 1m Multiples			Price Per Metre	
4 Core			Order Code	1+
Grey			385-3718	0.81
Black			385-3720	0.81
White			385-3731	0.81
6 Core				
Grey			385-3743	1.46
Black			385-3755	1.46
8 Core				
Grey			385-3779	2.18
Black			385-3780	2.18

FCC-68/Western Electric

Telecoms/Data Cable

Coiled Leads - 4, 6 & 8 Core: Tinsel Cord - Flat



- 4, 6 and 8 core line cordage
- Tinsel cord
- PVC sheathed overall
- FCC-68 style plug application
- Extended length approximately 10ft

6 Core
○○○○○○

Normal colour coding to plug pin number.

	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
4 core	—	—	Black	Red	Green	Yellow	—	—
6 core	—	White	Black	Red	Green	Yellow	Blue	—
8 core	Blue	Orange	Black	Red	Green	Yellow	Brown	Grey

208030

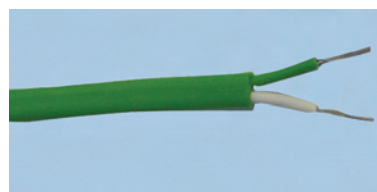
4 Core					
Order Code	1+	25+	+	+	+
Grey	120-2615	12.25	10.95	--	--
Black	120-2616	12.25	10.95	--	--
6 Core					
Grey	120-2617	16.10	14.43	--	--
Black	120-2618	16.10	14.43	--	--
8 Core					
Grey	120-2619	25.24	22.50	--	--
Black	120-2620	25.24	22.50	--	--

Thermocouple Cable

Thermocouple Extension Cable (IEC)

PVC Insulated

Global
Measurement and Control



NEW

- Flat pair construction
- IEC colour coded
- Temp. range -10°C to +105°C

382431

Description		Reel Size		Price Per Reel	
		Order Code	1+	3+	
Multi-stranded 7/0.2mm					
J	10m	863-7261	16.30000	14.16204	
J	50m	863-7270	72.62000	68.63400	
J	100m	863-7288	111.19000	107.83910	
K	10m	863-7180	28.42000	26.58312	
K	25m	863-7199	55.07000	53.03232	
K	50m	863-7202	132.08000	125.18170	
T	10m	863-7210	18.38000	16.13736	

Compliant
Non-compliant
RoHS
Limited stock - RoHS replacement available

Description	Reel Size	Order Code	Price Per Reel	
			1+	3+
Multi-stranded 7/0.2mm				
T	25m	863-7229	32.24000	29.42892
T	50m	863-7237	61.44000	58.82436
N	10m	863-7253	27.62000	25.37784
Multi-stranded 13/0.2mm				
T	50m	863-7245	99.27000	94.21272

Thermocouple Extension Cable (IEC)

PFA Insulated

**NEW**

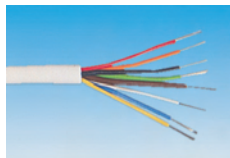
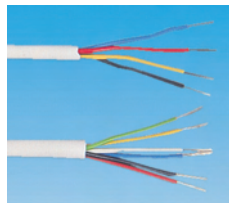
- Flat pair construction
- Multi-stranded 7/0.2mm
- Strips very easily (better than PTFE)
- IEC colour coded, Tolerance Class 1
- Temp. range -75°C to +260°C

382438

Description	Reel Size	Order Code	Price Per Reel	
			1+	3+
J	25m	863-7520	92.04000	87.51672
J	100m	863-7555	361.15000	345.37970
K	25m	863-7539	119.29000	111.05320
K	100m	863-7563	479.84000	466.57730
T	25m	863-7547	86.01000	77.87448
T	100m	863-7580	353.35000	335.97180

Signal/Security Cable**7/0.2mm (0.2mm²) Alarm Cable**

PRO-POWER Quality Cables



- Tinned copper conductors with a colour coded PVC insulator, sheathed overall in White PVC to **BS4737:Section 3.30**
- Suitable for security, alarm and signal applications
- Available in 100m reels

Overall diameter	4 Core (3.4mm), 6 Core (3.4mm), 8 Core (3.4mm) nom.
Current rating	1A @ 50V ac
Max. Operating Temp	70°C
Core Colour Codes	4 Core: Red, Blue, Yellow, Black 6 Core: White, Green, Red, Blue, Yellow, Black 8 Core: Red, Blue, Yellow, Black

219624

100m Reels		Price Per Reel		
No. of Cores	Order Code	1+	5+	+
4	120-2764	34.80	25.94	--
6	120-2766	48.53	36.11	--
8	120-2767	57.74	46.67	--

Screened - Alarm Cable7/0.2mm (0.22mm²)

PRO-POWER Quality Cables



- Tinned copper conductors with a colour coded PVC insulator, sheathed overall in White PVC to **BS4737**
- Suitable for security, alarm and signal applications
- Foil screened overall

Current rating	1A
Voltage rating	50V rms

232124

100m Reels		Price Per Reel		
No. of Cores	Order Code	1+	5+	+
4	378-7709	53.37000	43.72488	--
6	378-7710	73.35000	59.22612	--
8	378-7722	89.89000	76.43484	--

Low Smoke and Fume
7/0.2mm (0.22mm²)

PRO-POWER Quality Cables



- Tinned copper conductors with a colour coded PVC insulator, sheathed overall in low smoke and fume (LSF) White PVC to **BS4737**
- Suitable for security, alarm and signal applications

Overall diameter	4 Core	3.5mm	Overall diameter	4 Core	3.5mm
	6 Core	4.1mm	Current rating		1A
	12 Core	5.6mm	Voltage rating		50V rms

232125

100m Reels		Price Per Reel		
No. of Cores	Order Code	1+	5+	+
4	378-7734	54.10000	48.91428	--
6	378-7746	67.19000	56.24640	--
12	378-7760	97.59000	88.52112	--

Covert Camera Cable

PRO-POWER Quality Cables



- Small Grey cable ideal for covert camera installations
- Cable is 5mm diameter and capable of carrying video, audio, alarm and 12V power signals together
- Foil screened and PVC sheathed

Conductor		Insulator Screen		Colour	
1 x 75Ω video core	7/0.2mm copper strand	PVC	32/0.12 braid copper	Yellow	
4 x Signal/Aux Cores	7/0.2mm copper strand	PVC	None	Blue, Green, White, Red	
Overall		PVC	Aluminium Sheath	White	
Outside Diameter	5mm				

232129

100m Reel		Price Per Reel		
Order Code	1+	5+	+	
Grey	378-7930	240.8200	228.3336	--

CCTV Cable

PRO-POWER Quality Cables



- Black composite cable ideal for use with CCTV
- 6 cores, 2 x 12V power, 1 x 75Ω coaxial and 3 x signal
- Foil screened

Conductor		1 x 75Ω video core	2 x 12V Power Cores	3 x Signal/Aux Cores
Insulator	16/0.2mm copper strand	3mm polythene	16/0.2mm copper strand	7/0.2mm copper strand
Conductive Cross-section			0.44mm ²	0.22mm ²
Screen	32/0.12 braid copper			
Colour	Yellow		Black, Red	Blue, Green, White

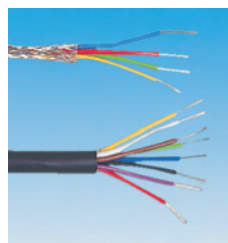
Overall
Black PVC Sheath, Nominal outside diameter 7.9mm

232131

100m Reel		Price Per Reel		
Order Code	1+	5+	+	
Black	378-7941	202.38	173.58	--

Multicore Cable

PRO-POWER Quality Cables



- Tinned copper conductors, PVC, insulated, Melinex taped, tinned copper braid screened overall where applicable
- PVC sheathed overall to **BS6746**, having the following colours:

Up to 36 Core*				
1 Red	9 Orange	17 Red/Black	25 Yellow/Green	33 Grey/Brown
2 Blue	10 Pink	18 Red/Brown	26 White/Green	34 Yellow/Violet
3 Green	11 Turquoise	19 Yellow/Blue	27 Green/Black	35 Violet/Black
4 Yellow	12 Grey	20 White/Blue	28 Orange/Green	36 White/Violet
5 White	13 Red/Blue	21 Blue/Black	29 Grey/Green	
6 Black	14 Green/Red	22 Orange/Blue	30 Yellow/Brown	
7 Brown	15 Yellow/Red	23 Green/Blue	31 White/Brown	
8 Violet	16 White/Red	24 Grey/Blue	32 Brown/Black	

*Up to 25 Core
23 Yellow/Green 24 White/Green 25 Orange/Green

50 Core			
Central core--	Red, Blue, White	1st layer--	Red, Blue, 7 White cores
2nd layer--	Red, Blue, 14 White Cores	3rd layer--	Red, Blue, 20 White cores

208259

Warning: Due to the design of these cables, they are not to be regarded as power cables or cables for the direct connection of equipment to mains power supplies.

Prices are in Singapore Dollars and exclusive of GST.
Due to the volatile nature of certain products,
prices are subject to change without notice.

Sub Miniature - Screened

7/0.1mm (0.055mm²)

Voltage rating	250V (RMS)	Maximum current per core	0.25A
Conductor area	0.055mm ² per core	Max. operating temperature	70°C
Sheath colour	Grey		

208260

No. of Cores	Nom. Dia. (mm)	Length (m)	Order Code	Price Per Reel		
				1+	5+	+
4	2.9	25	119-0156	61.99	59.31	--
		100	119-0157	189.72	179.60	--
6	3.3	25	119-0158	62.29	59.67	--
		100	119-0159	200.82	191.13	--
9	4	25	119-0160	76.94	73.55	--
		100	119-0161	261.00	243.00	--
15	5	25	119-0162	104.55	99.74	--
		100	119-0164	319.07	307.71	--
25	6	25	119-0165	171.62	160.00	--
		100	119-0166	565.27	525.23	--

Miniature: Screened

7/0.2mm (0.22mm²)

Voltage rating	440V (RMS)	Maximum current per core	1A
Conductor area	0.22mm ² per core	Max. operating temperature	70°C
Sheath colour	Grey		

208261

No. of Cores	Nom. Dia. (mm)	Length (m)	Order Code	Price Per Reel		
				1+	5+	+
4	4.6	25	119-0168	37.82	36.08	--
		100	119-0170	135.55	128.83	--
8	6.3	25	119-0171	52.81	50.18	--
		100	119-0172	195.32	185.64	--
12	7.2	25	119-0173	76.61	65.33	--
		100	119-0174	249.55	235.07	--
20	8.6	25	119-0175	124.08	103.51	--
		100	119-0176	412.92	359.03	--
36	10.7	25	119-0177	210.67	191.17	--
		100	119-0178	490.72	445.77	--

Standard - Screened

16/0.2mm (0.5mm²)

Voltage rating	440V (RMS)	Maximum current per core	2.5A
Conductor area	0.5mm ² per core	Max. operating temperature	70°C
Sheath colour	Grey		

208262

No. of Cores	Nom. Dia. (mm)	Length (m)	Order Code	Price Per Reel		
				1+	5+	+
4	7.3	25	119-0181	75.58	72.05	--
		100	119-0182	281.44	267.87	--
6	8.3	25	119-0183	100.75	96.07	--
		100	119-0185	367.23	349.57	--
12	11	25	119-0186	154.01	146.80	--
		100	119-0187	488.93	470.47	--
18	12	25	119-0188	208.64	198.64	--
		100	119-0189	662.70	630.76	--

Heavy item, special delivery conditions apply

DEF STAN 61-12 Part 4 - Unscreened

7/0.1mm (0.055m²) 7-1-A Type

Voltage rating	250V (RMS)	Maximum current per core	0.25A
Conductor area	0.055mm ² per core	Max. operating temperature	70°C
Sheath colour	Black		

208112

Cable Ref	No. of Cores	Nom. Dia. (mm)	Length (m)	Order Code	Price Per Reel		
					1+	5+	+
7-1-2A	2	2.5	25	119-0190	21.88	17.81	--
			100	119-0191	27.51	22.69	--
7-1-3A	3	2.6	25	119-0193	68.82	57.82	--
			100	119-0194	27.79	23.50	--
7-1-4A	4	2.8	25	119-0195	74.36	65.16	--
			100	119-0196	31.56	27.33	--
7-1-6A	6	3.3	25	119-0197	86.42	76.05	--
			100	119-0198	33.15	28.67	--
7-1-9A	9	3.9	25	119-0199	112.09	99.61	--
			100	119-0200	50.22	43.97	--
7-1-12A	12	4.1	25	119-0201	145.86	135.33	--
			100	119-0202	163.00	146.70	--
7-1-15A	15	4.5	25	119-0203	234.97	220.68	--
			100				

DEF STAN 61-12 Part 4 - Unscreened

7/0.2mm (0.22mm²) 7-2-A Type

Voltage rating	440V (RMS)	Maximum current per core	1A
Conductor area	0.22mm ² per core	Max. operating temperature	70°C
Sheath colour	Black		

208002

Cable Ref	No. of Cores	Nom. Dia. (mm)	Length (m)	Order Code	Price Per Reel		
					1+	5+	+
7-2-2A	2	3.4	25	119-0204	16.18	13.23	--
			100	119-0205	47.96	43.17	--
7-2-3A	3	3.5	25	119-0206	24.59	18.46	--
			100	119-0208	55.53	49.08	--
7-2-4A	4	3.9	25	119-0211	31.22	23.63	--
			100	119-0212	82.17	73.96	--
7-2-6A	6	4.6	25	119-0213	37.36	31.69	--
			100	119-0214	104.39	93.95	--
7-2-8A	8	5.5	25	119-0215	41.94	37.74	--
			100	119-0216	119.94	107.95	--
7-2-12A	12	6.1	25	119-0217	50.55	42.54	--
			100	119-0218	157.96	133.67	--
7-2-18A	18	7.4	25	119-0219	65.40	59.52	--
			100	119-0220	244.51	220.81	--
7-2-20A	20	7.8	25	119-0221	59.33	53.79	--
			100	119-0223	262.05	237.35	--
7-2-25A	25	8.7	25	119-0224	117.35	99.91	--
			100	119-0226	370.19	326.76	--
7-2-36A	36	9.8	25	119-0227	161.97	138.45	--
			100	119-0228	533.22	482.79	--

DEF STAN 61-12 Part 4 - Screened

7/0.1mm (0.055m²) 7-1-C Type

Voltage rating	250V (RMS)	Maximum current per core	0.25A
Conductor area	0.055mm ² per core	Max. operating temperature	70°C
Sheath colour	Black		

208111

Cable Ref	No. of Cores	Nom. Dia. (mm)	Length (m)	Order Code	Price Per Reel		
					1+	5+	+
7-1-2C	2	3	25	119-0229	52.97	48.20	--
			100	119-0230	188.16	172.25	--
7-1-3C	3	3.2	25	119-0231	59.24	50.83	--
			100	119-0232	193.49	183.37	--
7-1-4C	4	3.1	25	119-0233	59.15	58.76	--
			100	119-0235	71.05	--	--
7-1-6C	6	3.8	500	119-0236	669.13	646.33	--
			25	119-0237	72.53	63.15	--
7-1-9C	9	4.4	100	119-0238	202.19	182.29	--
			500	119-0239	762.17	736.73	--
7-1-12C	12	4.6	25	119-0240	75.56	71.50	--
			100	119-0241	277.86	257.82	--
7-1-15C	15	5.4	25	119-0242	106.85	92.43	--
			100	119-0243	338.85	300.37	--
7-1-25C	25	6.6	25	119-0244	119.24	107.71	--
			100	119-0245	381.62	347.04	--
			25	119-0247	177.95	162.86	--
			100	119-0248	572.23	527.41	--

DEF STAN 61-12 Part 4 - Screened

7/0.2mm (0.22mm²) 7-2-C Type

Voltage rating	440V (RMS)	Maximum current per core	1A
Conductor area	0.22mm ² per core	Max. operating temperature	70°C
Sheath colour	Black		

208003

Cable Ref	No. of Cores	Nom. Dia. (mm)	Reel Length (m)	Order Code	Price Per Reel		
					1+	5+	+
7-2-2C	2	4.1	25	119-0249	34.71	30.19	--
			100	119-0250	131.91	114.56	--
7-2-3C	3	4.3	25	119-0251	37.63	32.83	--
			100	119-0252	141.88	124.96	--
7-2-4C	4	4.6	25	119-0253	42.70	36.95	--
			100	119-0255	152.79	133.61	--
7-2-6C	6	5.9	500	119-0256	716.64	689.69	--
			25	119-0257	47.97	42.06	--
7-2-8C	8	6.3	100	119-0259	184.28	160.29	--
			25	119-0261	59.40	51.06	--
7-2-10C	10	6.9	100	119-0262	220.12	194.19	--
			500	119-0263	1,161.66	1,118.40	--
7-2-12C	12	7.2	25	119-0264	67.95	59.35	--
			100	119-0265	232.82	204.88	--
7-2-15C	15	8	25	119-0266	76.61	69.03	--
			100	119-0267	278.76	241.64	--
7-2-18C	18	8.5	25	119-0268	92.88	79.24	--
			100	119-0269	318.40	279.24	--
7-2-20C	20	8.6	25	119-0270	104.52	92.24	--
			100	119-0272	397.27	351.85	--
7-2-20C	20	8.6	25	119-0273	91.16	82.26	--

Cable Ref	No. of Cores	Nom. Dia. (mm)	Reel Length (m)	Order Code	1+	5+	+
7-2-25C	25	9.8	100	119-0274	411.96	363.81	--
			25	119-0275	165.38	144.69	--
			100	119-0276	546.31	478.73	--
7-2-36C	36	10.7	25	119-0277	237.28	207.58	--
			100	119-0278	694.40	604.40	--

DEF STAN 61-12 Part 5 - Unscreened**16/0.2mm (0.5mm²) 16-2-A Type**

Voltage rating	440V (RMS)	Maximum current per core	2.5A
Conductor area	0.5mm ² per core	Max. operating temperature	70°C
Sheath colour	Black		

208005

Cable Ref	No. of Cores	Nom. Dia. (mm)	Reel Length (m)	Order Code	1+	5+	+
16-2-2A	2	5.5	25	119-0279	30.43	25.81	--
			100	119-0280	73.16	65.39	--
16-2-3A	3	5.8	25	119-0281	34.58	32.89	--
			100	119-0282	85.43	81.25	--
16-2-4A	4	6.3	25	119-0284	47.09	42.38	--
			100	119-0286	105.42	100.26	--
16-2-6A	6	7.3	25	119-0287	59.60	56.65	--
			100	119-0288	136.84	130.20	--
16-2-8A	8	8.5	25	119-0289	65.40	62.14	--
			100	119-0290	213.25	189.25	--
16-2-12A	12	9.5	25	119-0291	95.00	84.83	--
			100	119-0292	263.18	242.35	--
16-2-18A	18	11.1	25	119-0293	134.39	127.82	--
			100	119-0294	371.61	338.26	--
16-2-25A	25	13.1	25	119-0296	163.26	150.77	--
			100	119-0297	491.87	449.05	--

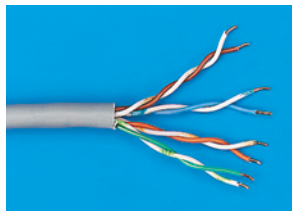
DEF STAN 61-12 Part 5 - Screened**16/0.2mm (0.5mm²) 16-2-C Type**

Voltage rating	440V (RMS)	Maximum current per core	2.5A
Conductor area	0.5mm ² per core	Max. operating temperature	70°C
Sheath colour	Black		

208004

Cable Ref	No. of Cores	Nom. Dia. (mm)	Reel Length (m)	Order Code	1+	5+	+
16-2-1C	1	3.8	100	119-0298	138.80	119.80	--
16-2-2C	2	6.9	25	119-0299	59.62	53.66	--
			100	119-0300	202.69	182.42	--
16-2-3C	3	7.2	25	119-0302	58.14	50.93	--
			100	119-0303	200.69	179.21	--
16-2-4C	4	7.7	25	119-0304	77.20	73.55	--
			100	119-0305	287.31	273.49	--
16-2-6C	6	8.7	25	119-0306	102.83	98.12	--
			100	119-0307	333.15	309.53	--
16-2-8C	8	9.2	25	119-0308	127.83	109.82	--
			100	119-0309	383.48	329.49	--
16-2-12C	12	11	25	119-0310	154.01	146.80	--
			100	119-0311	488.93	470.47	--
16-2-18C	18	12.5	25	119-0312	217.10	202.83	--
			100	119-0314	465.43	434.88	--
16-2-25C	25	14.6	25	119-0315	267.75	229.61	--
			100	119-0316	795.87	716.30	--

H Heavy items, special delivery conditions apply

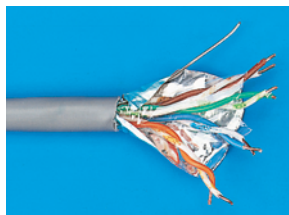
Category 5, 6 Cables**CAT5Plus UTP****Millennium Series**

- Four twisted pairs of solid 24 AWG plain copper conductors
- Grey flame retardant PVC sheath
- Low Smoke, Zero Halogen (LSOH) version meets **IEC332-1, IEC1034** and **IEC754-1**
- Exceeds Category 5 electrical parameters defined in **ISO11801, EN50173** and **TIA/EIA568A**

Nominal outside diameter	4.8mm	Attenuation to CrossTalk Ratio	65dB @ 1MHz
Mutual capacitance	55.8nF/km		per 100m54dB @ 10MHz
Conductor resistance	93.8Ω/km		39dB @ 20MHz
Impedance	100±15Ω		34dB @ 31.25MHz
			25dB @ 62.5MHz
			16dB @ 100MHz

208244

305m Boxed Reel	Mfrs. List No.	Order Code	1+	5+	+	+
LSOH UTP	C5U-HF1	118-2875	261.89	256.06	--	--

CAT5Plus FTP**Millennium Series**

- Four twisted pairs of solid 24 AWG plain copper conductors
- Foil screen
- Grey flame retardant PVC sheath
- Low Smoke, Zero Halogen (LSOH) version meets **IEC332-1, IEC1034** and **IEC754-1**
- Exceeds Category 5 electrical parameters defined in **ISO11801, EN50173** and **TIA/EIA568A**

Nominal outside diameter	5.9mm	Attenuation to Cross Talk Ratio	65dB @ 1MHz
Mutual capacitance	55.8nF/km		per 100m54dB @ 10MHz
Conductor resistance	93.8Ω/km		39dB @ 20MHz
Impedance	100±15Ω		34dB @ 31.25MHz
			25dB @ 62.5MHz
			16dB @ 100MHz

208245

305m Boxed Reel

Mfrs. List No.	Order Code	1+	5+	+	+	+
LSOH FTP	C5F-HF1	118-2877	371.28	364.43	--	--

GigaPlus S-FTP**Millennium Series**

- Four twisted pairs of solid 24 AWG plain copper conductors
- Foil and Braid screen
- Grey flame retardant PVC sheath

- Exceeds Category 5 electrical parameters defined in **ISO11801, EN50173** and **TIA/EIA568A**
- Extended frequency range and attenuation, ideal for Fast Ethernet, Gigabit Ethernet 1000BASE-T and 155/622 applications.

Nominal outside diameter	6.1mm	Attenuation to CrossTalk Ratio	71dB @ 1MHz
Mutual capacitance	55.8nF/km		53dB @ 10MHz
Conductor resistance	93.8Ω/km		45dB @ 20MHz
Impedance	100±15Ω		40dB @ 31.25MHz
			31dB @ 62.5MHz
			23dB @ 100MHz
			9dB @ 200MHz

Mfrs. List No. GPS

208305

305m Reel

Colour	Order Code	1+	5+	+	+	+
Grey	118-2883	519.06	517.05	--	--	--

Cat 5e - UTP**PRO-POWER Quality Cables**

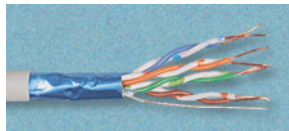
- High quality 4 pair Cat5e
- 0.5mm solid copper conductors
- PVC insulated
- Tested for FEXT and return loss
- ETL Verified - **ISO/IEC11801 2nd Edition, EIA/TIA 568A**

Nom. overall dia.	5.5mm	Operating temperature	-20°C to +60°C
Nom. capacitance	50pF/m	Impedance 1-10 and 2-100MHz	100±15Ω
Insulation resistance (500V)	2000MΩ.km	Impedance 10-20MHz	100±12Ω
Velocity of propagation	66%		

248698

305m Reels

Colour	Order Code	1+	3+
Grey	121-7813	112.39	107.11
Red	121-7814	112.39	107.11
Blue	121-7815	112.39	107.11
Green	121-7816	112.39	107.11
Yellow	121-7817	112.39	107.11

Category 5E-FTP**EC Verified****Nexans**

- Four twisted pairs of 1/0.52mm (24 AWG) plain solid copper conductors
- Polyolefin insulated and shielded in aluminium polyester foil with integral 1/0.52mm plain copper drainwire
- Sheathed overall in Grey PVC
- Designed for use in LAN applications at transmission speeds up to 100Mbps

- **EC Verified** and meets **EIA/TIA568 TSB36** and **ISO/IEC DIS11801** requirements
- Supplied in 305m (1000ft.) dispenser box for easier handling/storage.
- Available in PVC or LSZH (Low Smoke Halogen Zero Halogen)

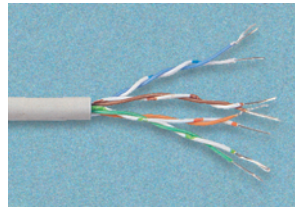
Nominal outside diameter	5.9mm	Attenuation per 305m	28dB @ 20MHz
Conductor resistance	28.6Ω/305m		32dB @ 25MHz
Impedance	100Ω		36dB @ 31.25MHz
Mutual capacitance	56pF/m		52dB @ 62.5MHz
			67dB @ 100MHz

Prices are in Singapore Dollars and exclusive of GST.
Due to the volatile nature of certain products,
prices are subject to change without notice.

208025

305m Boxed Reel		Price Per Boxed Reel				
Colour	Order Code	1+	5+	+	+	+
Grey	121-7808	336.98	290.86	--	--	--
Violet (LSZH)	121-7809	363.50	330.44	--	--	--

Category 5E-UTP Patch Cable EC-Verified

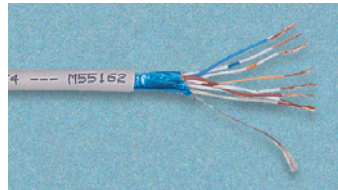


Nominal outside diameter	5.3mm
Conductor resistance	28.6Ω/305m
Impedance	100Ω
Mutual capacitance	56pF/m

- High performance cable
 - Four twisted pairs of 7/0.2mm (24AWG) plain stranded copper conductors
 - Polyethylene insulated
 - PVC sheathed overall
 - Applications Category 4 or 5 UTP interconnections, cabinets etc
 - Suitable up to 100Mbps
 - **EC Verified** and meets **EIA/TIA568, TSB36** and **ISO/IEC DIS11801** requirements
- | | |
|----------------------|-----------------|
| Attenuation per 305m | 13dB @ 4MHz |
| | 20dB @ 10MHz |
| | 25dB @ 16MHz |
| | 28dB @ 20MHz |
| | 36dB @ 31.25MHz |
| | 52dB @ 62.5MHz |
| | 67dB @ 100MHz |
- 208021

100m Reel		Price Per Reel				
Colour	Order Code	1+	5+	+	+	+
Grey	268-800	106.41	88.68	--	--	--
White	583-200	106.41	88.68	--	--	--
Red	583-212	106.41	88.68	--	--	--
Blue	583-224	106.41	88.68	--	--	--
Yellow	583-236	106.41	88.68	--	--	--
Green	583-248	106.41	88.68	--	--	--
Black	583-250	106.41	88.68	--	--	--
Violet	583-261	106.41	88.68	--	--	--

Category 5E-FTP Patch Cable 4 Pair Foil Screened Twisted Pair



- Applications used in conjunction with Cat 5-FTP cable for interconnection in wiring cabinets, terminal outlets etc. up to 100MHz
- Meets **EIA/TIA568, TSB40** and **DEC** approved

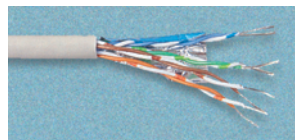
Nominal outside diameter	5.3mm	Attenuation per 305m	13dB @ 4MHz
Conductor resistance	28.6Ω/305m		20dB @ 10MHz
Impedance	100Ω		25dB @ 16MHz
Mutual capacitance	46pF/305m		28dB @ 20MHz
			32dB @ 25MHz
			36dB @ 31.25MHz
			52dB @ 62.5MHz
			67dB @ 100MHz

Mfrs. List No. M55162

208063

100m Reel		Price Per Reel				
Colour	Order Code	1+	5+	+	+	+
Grey	473-261	165.69	159.40	--	--	--

Category 5E-FTP Patch Cable EC Verified



- High performance patch cable
- Four twisted pairs of 7/0.16mm (26AWG) plain stranded copper conductors
- Polyethylene insulated, shielded in aluminium polyester tape with integral 7/0.16 plain copper drainwire.
- Sheathed overall in flexible PVC
- Designed for use in conjunction with Category 5 FTP cables for interconnection applications in wiring cabinets, terminal outlets etc
- Suitable for data transmission speeds up to 100Mbps and meets **EIA/TIA568, TSB36** and **ISO/IEC DIS11801** requirements
- Supplied on 100m reels in various colours

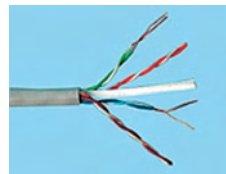
Nominal outside diameter	5.9mm	Attenuation per 305m	13dB @ 4MHz
Conductor resistance	28.6Ω/305m		20dB @ 10MHz
Impedance	100Ω		25dB @ 16MHz
Mutual capacitance	56pF/m		28dB @ 20MHz
			32dB @ 25MHz
			36dB @ 31.25MHz
			52dB @ 62.5MHz
			67dB @ 100MHz

208026

100m Reel

		Price Per Reel				
Colour	Order Code	1+	5+	+	+	+
Grey	121-7810	220.69	198.63	--	--	--

Category 6-UTP



Nominal outside diameter	6mm
Conductor resistance	70Ω/1000m
Impedance	100Ω±15%
Mutual capacitance	56nF/1000m
Nominal Weight	14kg

- Exceeds all Category 6 drafts
- Guarantees up to 1Gbps performance
- 1/0.55mm solid copper conductors
- Four twisted pair UTP for duplex transmission including FEXT (Far End Cross Talk)
- Four pairs are separated and held by a C³ cross-member (Central Crosstalk Cancellation)
- Grey PVC sheath
- Meets **ISO/IEC11801 Cat 6(Draft), EN50173, EN50288(Draft), TIA/EIA568B**

Attenuation/Cross Talk Ratio	47.5dB	7.5dB @ 16MHz
	45.1dB	8.4dB @ 20MHz
	40.0dB	10.6dB @ 31.25MHz
	31.8dB	15.1dB @ 62.5MHz
	23.6dB	19.4dB @ 100MHz
	10.4dB	28dB @ 200MHz
		38.1dB @ 350MHz

208258

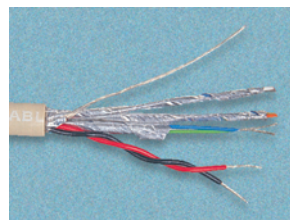
305m Boxed Reel

		Price Per Boxed Reel				
Sheath Material	Colour	Order Code	1+	5+	+	+
PVC	Grey	120-4654	478.86	439.83	--	--

Data Transmission Cable

Thin Ethernet™ Multicore Individually Screened Pairs

Office Transceiver Cable (4 pairs)



- Screened multicore cable designed as the link between transceiver and transmitter/receiver station in ETHERNET® local area networks
- Each of the four pairs are individually wrapped with aluminised polyester tape (aluminised side facing outwards)

- They are then cabled round a central 28 AWG (7/36 AWG) drain wire with polyester tape. A double-sided aluminised tape is further applied under a 36 AWG tinned copper braid screen. Sheathed overall in Grey PVC and meets **IEEE802.3** specs

Construction (3 Pairs)	28 AWG (7/36 AWG) tinned copper wire
Insulation	High density polyethylene 0.25mm nom. radial thickness
Colour	1st pair Blue and Green, 2nd pair Yellow and Orange
	3rd pair White and Grey
Construction (1 Pair supply only)	24 AWG (7/32 AWG) tinned copper wire
Insulation	Semi-rigid PVC 0.25mm nom. radial thickness
Colour	Red and Black
Electrical Characteristics (3 Pair)	
Characteristic impedance	78Ω
Velocity of propagation	66%
Nominal outside diameter	6.35mm
Maximum operating temperature	70°C

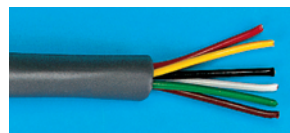
Equivalent to DEC17/01318 UL Style 2919

224045

100m Reel

		Price Per Reel			
Colour	Order Code	1+	5+	+	+
Grey	120-2747	604.10	550.36	--	--

XTRA-GUARD® 1 Multi-Core Unshielded



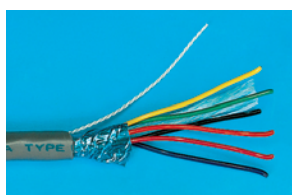
- Multi-core 24 AWG (7/32 AWG) tinned copper conductors
- Premium grade PVC jacket for extended cable life
- Nylon rip cord for ease of jacket stripping
- **CSA certified flame test-4, UL recognised**, listed passing **UL94V-1**

- Applications include computer peripherals, point of sale equipment, industrial process controls, medical electronics and other high technology environments
 - **UL Style 2464**
- 208224

30.5m Reels

No. of Cores	Nominal Outside Dia.	Mfrs. List No.	Order Code	1+	5+	+	+	+
2	4	5012C-100	118-2557	103.53	98.35	--	--	--
3	4.4	5013C-100	118-2558	108.88	103.43	--	--	--
4	4.7	5014C-100	118-2561	124.75	118.52	--	--	--
6	5.3	5016C-100	118-2562	164.59	156.36	--	--	--

XTRA-GUARD® 1 Multi-Core Foil Shield



- Multi-core 24 AWG (7/32 AWG) tinned copper conductors
- Aluminium/polyester foil with stranded tinned copper drain wire
- Premium grade PVC jacket for extended cable life
- Nylon rip cord for ease of jacket stripping
- **CSA certified flame test-4, UL** recognised, listed passing **UL94V-1**

- Applications include, EIA RS232C interface, computer peripherals, point of sale equipment, industrial process controls, medical electronics and other high technology environments

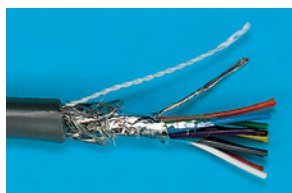
● **UL Style 2464**

Jacket thickness	0.81mm	Operating temperature	-20° to +80°C
Voltage rating	300V		

208220

30.5m Reels		Mftrs. List No.	Order Code	1+	5+	+	+	+
No. of Cores	Nominal Outside Dia.							
2	4.1	5092C-100118-2564	127.39	121.02	--	--	--	--
3	4.3	5093C-100118-2565	153.89	146.20	--	--	--	--
4	4.5	5094C-100118-2566	159.32	151.35	--	--	--	--
6	5.1	5096C-100118-2567	180.47	171.44	--	--	--	--

XTRA-GUARD® 1 Multi-Core SUPRASHIELD



- Premium grade PVC jacket for extended cable life
- Nylon rip cord for ease of jacket stripping
- **CSA certified flame test-4, UL** recognised, listed passing **UL94V-1**
- Applications include, EIA RS232C interface, FCC Docket computer peripherals, point of sale equipment, industrial process controls,

medical electronics and other high technology environments

● **UL Style 2464**

- Multi-core 24 AWG (7/32AWG) tinned copper conductors
- Aluminium/polyester/aluminium foil with stranded tinned copper drain wire, in 70% overall braid of tinned copper wire
- **Suprashield** twice as effective as standard foil shielding

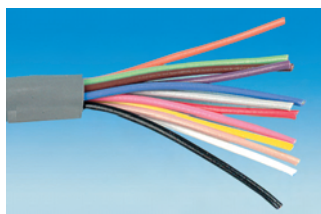
Jacket thickness	0.81mm	Operating temperature	-20° to +80°C
Voltage rating	300V		

208221

30.5m Reels		Mftrs. List No.	Order Code	1+	5+	+	+	+
No. of Cores	Nominal Outside Dia.							
3	4.8	5113C-100118-2569	196.43	186.62	--	--	--	--
4	5.4	5114C-100118-2570	220.30	209.29	--	--	--	--
6	5.9	5116C-100118-2571	246.89	234.54	--	--	--	--

Communication and Control Cable

Unshielded



- **UL2576 recognised, CSA PCC FT4**
- 22AWG (7/0.25mm) tinned copper conductors
- Grey PVC jacket with colour coded PVC insulation
- Voltage rating 300V
- Operating temperature -20°C to +75°C

Mftrs. List No.	No. of Conductors	Outside Diameter	Jacket Thickness	Order Code
1172C	2	4.1	0.81	123-5589
1173C	3	4.3	0.81	123-5591
1174C	4	4.8	0.81	123-5592
1175C	5	5.1	0.81	123-5593
1176C	6	5.3	0.81	123-5594
1177C	7	5.3	0.81	123-5595
1178C	8	5.6	0.81	123-5596
1180C	10	6.6	0.81	123-5597
1181C	12	7.1	0.81	123-5598
1181/15C	15	7.6	0.81	123-5599
1181/20C	20	8.1	0.81	123-5600
1181/25C	25	9.1	0.81	123-5601
1181/30C	30	9.6	0.81	123-5602
1181/40C	40	11.2	0.81	123-5603
1181/50C	50	12.7	0.89	123-5604
1181/60C	60	13.5	0.89	123-5605

232729

30.5m Reel		Price Per Reel		
Mftrs. List No.	Order Code	1+	5+	10+
1172C	123-5589	34.23	32.61	28.92
1173C	123-5591	50.10	48.09	43.86
1174C	123-5592	52.80	50.70	46.32
1175C	123-5593	53.64	51.63	47.79
1176C	123-5594	57.99	55.95	50.19
1177C	123-5595	64.17	62.46	55.50
1178C	123-5596	66.48	64.77	51.45
1180C	123-5597	71.88	69.33	62.13
1181C	123-5598	80.40	78.75	69.51
1181/15C	123-5599	132.15	127.44	106.44
1181/20C	123-5600	245.07	237.54	211.80
1181/25C	123-5601	258.21	248.31	223.23
1181/30C	123-5602	425.52	395.04	372.48
1181/40C	123-5603	485.25	471.90	448.86
1181/50C	123-5604	536.58	521.46	495.72
1181/60C	123-5605	684.03	664.74	615.51

Communication and Control Cable

Braid and Foil Shield



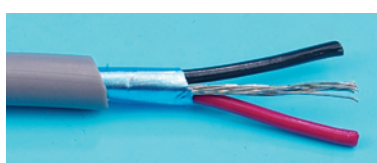
- **UL2919** recognised
- EIA RS-485 applications
- 24AWG (7/0.2mm) tinned copper conductors

Voltage rating 300V		Operating temperature -20°C to +80°C		Stranded tinned copper drain wire		Grey PVC jacket with colour coded polyethylene insulation		Overall aluminium/polyester foil with 90% tinned copper braid coverage	
Mftrs. List No.	No. of Pairs	Outside Diameter	Jacket Thickness	Drain Wire (AWG)	Order Code				
6412	1	5.8	0.89	24	123-5607				232730

Mftrs. Reel		Price Per Reel			
List No.	Length (m)	Order Code	1+	5+	10+
6412	30.5	123-5607	103.98	100.29	91.86

Communication and Control Cable

Overall Foil Screen



- **UL2464** type CM recognised
- 24AWG (7/0.2mm) tinned copper conductors
- Voltage rating 300V
- Operating Temperature -20°C to +75°C
- Stranded tinned copper drain wire

Aluminium polyester tape screen with foil facing inwards									
Mftrs. List No.	No. of Pairs	Outside Diameter	Jacket Thickness	Drain Wire (AWG)	Order Code				
5471C	1	4.1	0.81	24	123-5608				
5472C	2	5.3	0.81	24	123-5609				
5473C	3	5.8	0.81	24	123-5610				
5474C	4	6.1	0.81	24	123-5611				
5476C	6	7.6	0.89	24	123-5612				
5477C	7	7.6	0.89	24	123-5613				
5479C	9	8.6	0.94	24	118-2466				
5480C	10	9.6	1.02	24	118-2467				
5480/19C	19	11.4	1.02	24	118-2469				
5480/25C	25	13.4	1.14	24	119-9000				

232731

30.5 Reel		Price Per Reel		
Mftrs. List No.	Order Code	1+	5+	10+
5471C	123-5608	36.66	35.37	32.40
5472C	123-5609	46.80	45.87	40.59
5473C	123-5610	66.24	64.44	57.63
5474C	123-5611	81.90	78.81	70.83
5476C	123-5612	107.10	104.40	92.58
5477C	123-5613	123.90	121.38	107.01
5479C	118-2466	188.02	--	--
5480C	118-2467	181.77	--	--
5480/19C	118-2469	299.88	--	--
5480/25C	119-9000	1,487.41	--	--

Single Twisted Pair (Screened)

0.336mm², 0.79mm² and 0.56mm²

Brand-Rex



- Single twisted pair of tinned stranded copper conductors
- 0.336mm², 0.56mm² or 0.79mm² conductor sizes
- Overall screened in aluminium polyester foil

- with stranded tinned copper drain wire
- Polyethylene insulated
- Sheathed overall in Grey PVC
- Applications include sound, broadcast, audio and instrumentation.
- 1 lap of polyester tape on 22AWG version
- **UL Style 2092.**

Conductor Area	Conductor Size	Nominal Outside Dia.	Impedance	Capacitance per metre	Mfrs. List No.
0.336mm ²	7/0.254mm	4.8	85Ω	65pF	H8082
0.56mm ²	7/0.32mm	5.2	70Ω	89pF	BI56762
0.79mm ²	16/0.25mm	5.8	60Ω	79pF	BI56760

Voltage Rating 300V Maximum operating temperature 60°C

208113

100m Reel	Order Code	1+	5+	10+	20+
Conductor Area					
0.56mm ² (20AWG)	711-330	134.5500	127.8225	--	--
0.79mm ² (18AWG)	711-329	133.9300	127.6300	117.2000	107.4500
500m Reel	Order Code	1+	5+	10+	20+
0.56mm ² (20AWG)	305-7549	433.4200	404.7200	382.9500	--
0.79mm ² (18AWG)	305-7550	585.7600	542.0400	512.6900	487.0800

Single Twisted pair (Screened) 22 AWG

PRO-POWER
Quality Cables

- Single twisted pair of (7/30 AWG) tinned copper conductors screened overall in aluminised polyester tape with integral drain wire
- Sheathed overall in Grey PVC

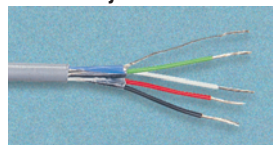
22 AWG	Overall Dia.	Impedance	Capacitance/metre	UL
No. of Pairs			Core/core	Core/scrm.
1	4.6	85Ω	79pF	164pF
				UL Style 2092

224047

Reel Length	Order Code	1+	5+	+
100m	120-2745	133.69	127.73	--
500m	120-2746	607.57	591.53	--

LSF - Halogen Free Individually Screened Twisted Multipair

Brand-Rex



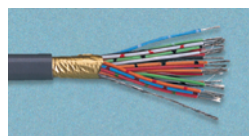
- Twisted pair polyolefin insulated 7/0.25mm tinned copper conductors with integral drain wire
- Individually screened in aluminised polyester tape. Sheathed overall in LSF (low smoke and fume) Halogen free Grey polyolefin
- Flame retardant to **BS4066** and **IEC332 Part 3** with limiting oxygen index (L.O.I.) **35**.

No. of Pairs	Overall Dia.	Impedance	Capacitance/metre	Mfrs. List No.
			Core/core	Core/scrm.
2	4.45	50Ω	97pF	174pF
				HF56723

208027

100m Reel	Order Code	1+	5+	10+	20+
No. of Pairs					
2	278-014	219.82	206.05	195.88	172.80

Overall Screened Multicore 24 AWG - PVC Insulated

PRO-POWER
Quality Cables

- Tinned copper conductors 24 AWG (7/32 AWG)
- PVC insulated overall
- Screened in aluminium-polyester foil providing 100% external screening

- Termination of the foil screen is by means of a stranded 24AWG tinned copper drain wire
- Applications include sound, broadcast, audio and instrumentation.
- UL recognised as style **2464**. CSA type **SR PVC**.

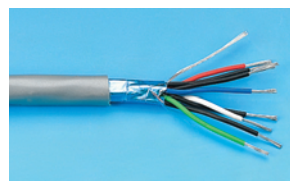
Capacitance between conductors Up to 8 core 108pF/m
10 core plus 98pF/m

Voltage rating 300V
Max. operating temperature +80°C
Sheathed in Grey PVC

208128

No. of Cores	Nom. Dia.	Reel Length	Order Code	1+	5+	+
3	4.3	100m	716-078	110.12	99.11	--
4	4.8	100m	716-091	108.56	97.70	--
5	5	25m	716-108	50.72	45.65	--
5	5	100m	716-110	135.32	121.79	--
6	5.5	100m	716-133	181.74	163.57	--
8	5.8	25m	716-145	80.70	72.63	--
8	5.8	100m	716-157	242.53	218.28	--
10	6.4	25m	716-169	89.26	80.34	--
10	6.4	100m	716-170	228.86	205.97	--
15	7.4	25m	716-182	106.37	95.73	--
15	7.4	100m	716-194	417.96	376.16	--
25	9.1	25m	716-224	185.38	166.84	--

Overall Screened Twisted Multipair

PRO-POWER
Quality Cables

- Twisted pair 7/0.203mm tinned copper conductors screened overall in aluminised polyester tape with integral drain wire
- Sheathed overall in Grey PVC

No. of Pairs	Overall Dia.	Impedance	Capacitance/metre
			Core/core
2	5.71	77Ω	98pF
3	5.97	77Ω	98pF
4	6.73	77Ω	98pF
5	7.24	77Ω	98pF
6	7.49	77Ω	98pF
10	9.14	85Ω	98pF
15	10.16	85Ω	98pF

224053

No. of Pairs	Order Code	1+	5+	+
100m Reel				
2	121-9358	244.88	146.67	--
3	121-9359	292.71	160.78	--
4	120-2740	346.22	188.11	--
5	120-2742	437.02	298.35	--
6	120-2743	574.26	331.50	--
15	120-2744	731.22	675.42	--

Extended Belden Product Range

Belden

We are able to offer a comprehensive and extended product range for Belden Cable from Newark InOne. Simply search our website for the Belden product you need or call our sales hotline.

Belden Cable

Belden Features

Belden COT

High Conductivity Copper

All Belden microphone cables utilise only HIGH CONDUCTIVITY copper produced by a process called ELECTROLYTIC TOUGH PITCH. This refining process produces a copper conductor that is 99.95% pure resulting in HIGH CONDUCTIVITY per ASTM B115.

The high purity obtained is comparable to that of Oxygen Free Copper cables.

Datalene®

Belden's Datalene® insulation provides a low dielectric constant and dissipation factor that's well suited to high speed, low distortion data handling. Datalene® is crush resistant, lightweight, and offers good performance characteristics over a wide range of temperatures.

Belden Shielding

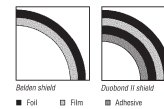
- Belden offers several unique features in terms of shielding.

- Beldfoil®**. The first aluminium polyester foil developed for use as a cable shield. Providing 100% shield coverage for optimum protection.

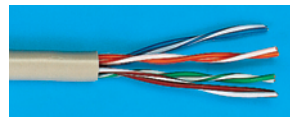
- Duofoil®**. Consists of an aluminium-polyester-aluminium - laminate wrapped around the cable's dielectric core. Provides 100% physical coverage, and improves shield reliability and flex life.

Z-Fold®

Belden's Z-fold is a shorting fold that provides metal to metal contact and an isolation fold prevents adjacent shields from shorting to one another. In addition, the shorting fold stops the creation of a slot opening in the shield, which prevents signal ingress and egress.



Belden improves high frequency performance with the Z-Fold.



DataTwist®

Data Twist optimum performance in twisted pair manufacture.

An exact and constant spacing is maintained between the conductors.

The individual conductors of a pair are manufactured under identical mechanical pre-tension.

A precise axial twisting of the insulated cores is maintained over the entire cable length during manufacture. This results in outstanding electrical properties together with the highest degree of reliability in demanding installations and includes a 15 Year warranty.



2

Cable & Wire

Un-Reel® Box.

- Cable supplied in an easy to use cardboard dispenser box.

233048

*** Not normally in Stock. Please Ring for Availability.**

Belden No.	Page	Description / Applications	UL/NEC Recognised
1192A	*	Starquad Cable	N/A
1433+	*	Category 5E	N/A
1503A	*	Audio Cable	N/A
1505A	51	Analogue & Digital Video Coax	NEC CMR
1508A	*	High Flex Audio Cable	N/A
1509C	*	Multi-Pair Snake Cable 2 pair	N/A
1510C	*	Multi-Pair Snake Cable 4 pair	N/A
1512C	*	Multi-Pair Snake Cable 8 pair	N/A
1513C	*	Multi-Pair Snake Cable 12 pair	N/A
1583E	*	Data Twist - High Performance Category 5	NEC CM
1592A	*	Category 5E	N/A
1633E	*	Data Twist - Category 5 FTP	NEC CM
1667E	*	Data Twist - Category 5E	N/A
1694A	51	Digital Video RG-6/U Brilliance	NEC CMR
1696A	*	Digital Audio Cable	N/A
1700A	*	Cat 5, Video, High Speed Applications	NEC CM
1752A	*	Data Twist 350 Patch Cable	N/A
1800A	*	Digital Audio AES / EBU Brilliance	NEC CMG
1800B	*	Digital Audio AES / EBU Brilliance	NEC CMG
1804A	*	Musical / Microphone High conductivity	N/A
1810A	*	Brilliance Loudspeaker Cable	N/A
1811A	*	Brilliance Loudspeaker Cable	N/A
1812A	*	Instrument Cable	N/A
1813A	*	Instrument Cable	N/A
1865A	*	RG59/U Sub-Miniature 75Ω	N/A
1868E	*	Category 5E	N/A
1872A	*	Media Twist- Ethernet, RS422, 485, Video	UL 2919
1875G	*	Category 6E	N/A
1885E	*	Category 7	N/A
1902A	*	Audioflex Snake Cable 2 pair	N/A
1904A	*	Audioflex Snake Cable 4 pair	N/A
3072F	*	DataTray Cable	N/A
3073F	*	DataTray Cable	N/A
3079A	*	Profibus Cable	N/A
3079E	*	Profibus Cable	N/A
3082A	*	DeviceNet Cable	N/A
3084A	*	DeviceNet Cable	N/A
3084F	*	DeviceNet Cable	N/A
3085A	*	DeviceNet Cable	N/A
3092A	*	Coax Cable	N/A
3105A	*	Data Cable	N/A
3106A	*	Data Cable	N/A
3107A	*	Data Cable	N/A
3108A	*	Data Cable	N/A
3109A	*	Data Cable	N/A
3119A	*	Interbus Cable	N/A
3120A	*	Interbus Cable	N/A
7701	*	Data Cable	N/A
7702	*	Data Cable	N/A
7703	*	Data Cable	N/A
7704	*	Data Cable	N/A
7731A	*	RG11/U / Precision Video Cable 75Ω	N/A
7812E	*	Category 6	N/A
8102	52	Twisted Multipair, 2 pair, Extended distance	UL 2919
8103	52	Twisted Multipair, 3 pair, Extended distance	UL 2919
8104	52	Twisted Multipair, 4 pair, Extended distance	UL 2919
8105	52	Twisted Multipair, 5 pair, Extended distance	UL 2919
8106	52	Twisted Multipair, 6 pair, Extended distance	UL 2919
8112	52	Twisted Multipair, 12 pair, Extended distance	UL 2919
8132	51	RS-232 / RS485 Low Capacitance, 2 pair	UL 2919
8133	51	RS-232 / RS485 Low Capacitance, 3 pair	UL 2919
8134	51	RS-232 / RS485 Low Capacitance, 4 pair	UL 2919
8135	*	RS-232 / RS485 Low Capacitance, 5 pair	UL 2919
8138	51	RS-232 / RS485 Low Capacitance, 8 pair	UL 2919
8148	51	RS-232 / RS485 Low Capacitance, 18 pair	UL 2919
8162	51	RS 422 CAD/CAM, 2 pair	UL 2493
8163	51	RS 422 CAD/CAM, 3 pair	UL 2493
8164	51	RS 422 CAD/CAM, 4 pair	UL 2493
8205	52	Unshielded Twisted Pair	NEC CMG
8213	51	RG11 / Coaxial 75 Ohm	N/A
8238	*	RG11/U / Coaxial 75 Ohm	N/A

Belden No.	Page	Description / Applications	UL/NEC Recognised
8241	*	RG59/U / Coaxial Video 75 Ohm	UL 1354
8250	*	RG22B/U Twinaxial Cable	UL 1354
8281	*	RG59/U Double Braided Coaxial 75 Ohm	N/A
8412	*	Musical / Microphone High Conductivity	N/A
8413	*	Musical / Microphone High Conductivity	N/A
8442	52	Control, Instrumentation, Computer, 2 pair	NEC CMG
8444	52	Control, Instrumentation, Computer, 4 pair	NEC CMG
8450	*	1 Pair Audio Control Cable	N/A
8451	53	Professional Brilliance Audio Cable	NEC CM
8461	52	Unshielded Twisted Pair	N/A
8471	52	Unshielded Twisted Pair	N/A
8618	*	Single Triad Shielded Cable	UL 2093
8723	*	Twin Twisted Pair Individually Shielded, 2 pair	NEC CM
8728	*	Special Audio Cable	UL 2717
8760	53	Miniature Single Pair, 18AWG	UL 2092
8761	53	Miniature Single Pair, 22AWG	UL 2092
8762	53	Miniature Single Pair, 20AWG	UL 2092
8769	52	19 Pairs Audio / Computer	UL 2919
8770	*	Single Triad Shielded Cable	UL 2093
8771	*	Single Triad Shielded Cable	UL 2093
8772	*	Single Triad Shielded Cable	UL 2093
8774	52	9 Pairs Audio / Computer	UL 2919
8775	52	11 Pairs Audio / Computer	UL 2919
8776	52	15 Pairs Audio / Computer	UL 2919
8777	52	3 Pairs Audio / Computer	UL 2919
8778	52	6 Pairs Audio / Computer	UL 2919
8795	*	2 Pairs Audio Control Cable	UL 2092
9182	*	Twinax Cable	UL 2448
9207	*	Twinaxial Computer Cable	UL 2464
9222	*	Computer Triax RG58A/U	N/A
9244	*	RG59/U Standard Coax Cable 75Ω	UL 1354
9248	*	RG6/U Coaxial 75Ω	UL1354
9259	*	RG59/U Video Coaxial 75Ω	UL1354
9265	*	Camera / CCTV, 1 Pair + Coax	UL 20006
9271	*	Twinaxial Computer Cable	NEC Cm
9272	*	Twinaxial Computer Cable	UL 2092
9302	*	22 AWG Solid Conductor, 2 pair	UL 2464
9305	*	22 AWG Solid Conductor, 4 pair	UL 2464
9306	*	22 AWG Solid Conductor, 6 pair	UL 2464
9397	*	High Flex Audio Cable	N/A
9451	*	Audio and Instrumentation Cable	NEC CM
9463	*	Twinaxial Computer Cable	UL 2464
9501	*	Instrumentation, RS232, 1 pair	UL 2464
9502	*	Instrumentation, RS232, 2 pair	UL 2464
9503	*	Instrumentation, RS232, 3 pair	UL 2464
9504	*	Instrumentation, RS232, 4 pair	UL 2464
9505	*	Instrumentation, RS232, 5 pair	UL 2464
9506	*	Instrumentation, RS232, 6 pair	UL 2464
9507	*	Instrumentation, RS232, 7 pair	UL 2464
9508	*	Shielded 24 AWG, 8 Twisted Pairs	N/A
9509	*	Instrumentation, RS232, 9 pair	UL 2464
9510	*	Instrumentation, RS232, 10 pair	UL 2464
9515	*	Instrumentation, RS232, 15 pair	UL 2464
9519	*	Instrumentation, RS232, 19 pair	UL 2464
9533	52	Control, Computer, 3 Conductors	UL 2464
9534	52	Control, Computer, 4 Conductors	UL 2464
9535	52	Control, Computer, 5 Conductors	UL 2464
9536	52	Control, Computer, 6 Conductors	UL 2464
9537	52	Control, Computer, 7 Conductors	UL 2464
9538	52	Control, Computer, 8 Conductors	UL 2464
9539	52	Control, Computer, 9 Conductors	UL 2464
9540	52	Control, Computer, 10 Conductors	UL 2464
9541	52	Control, Computer, 15 Conductors	UL 2464
9696	*	Two Pair Twinaxial	UL 2919
9728	*	RS-422 Datalene Insulated 4 pair	UL 2493
9729	*	RS-422 Datalene Insulated 2 pair	UL 2493
9730	*	RS-422 Datalene Insulated 3 pair	UL 2493
9744	52	Unshielded Twisted Multipair 2 pair	UL 2576
9745	52	Unshielded Twisted Multipair 3 pair	UL 2576
9746	52	Unshielded Twisted Multipair 4 pair	UL 2576
9829	51	Twin Twisted Pair Shielded	UL 2919
9841	*	EIA RS 485, 1 pair	UL 2919
9842	*	EIA RS 485, 2 pair	UL 2919
9843	*	EIA RS 485, 3 pair	UL 2919
9860	*	Twinaxial Computer Cable	UL 2448

Belden No.	Page	Description / Applications	UL/NEC Recognised
9903	*	Thin Ethernet Multicore	UL 2919
9907	*	Thin Ethernet Coax 50Ω	UL 1354
9913	*	Coax Cable	N/A
9913F	*	50Ω Transmission Computer	N/A
9914	*	Coax Cable	N/A
9999	*	Appletalk Twinaxial	NEC CM
43187	*	RG59/U	N/A

Low Capacitance RS485



- 28 AWG (7/36AWG) tinned stranded copper conductors Datalene® insulated
- Z-Fold Beldfoil® aluminium/polyester foil, giving 100% coverage

- Overall tinned copper braid, 65% coverage
- Integral tinned copper drain wire
- Application EIA RS-232 and EIA RS-485

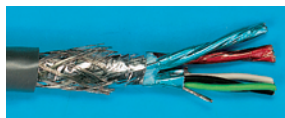
- Grey PVC jacket
- **UL Style 2919**

Nominal core resistance/km	213Ω	Nominal impedance	120Ω
Velocity of propagation	78%	Nominal capacitance	65.6pF/m

208217

152.5m Reel	Belden No.	No. of Pairs	Nominal Outside Dia.	Order Code	1+	3+
	8132	2	5.97	118-2166	490.99	--
	8133	3	6.86	118-2167	588.97	--
	8134	4	7.37	491-4661	1,029.28	971.52
	8138	8	8.38	491-4685	1,738.62	1,677.31

RS422 and CAD/CAM



- 24 AWG (7/32AWG) twisted pairs tinned stranded copper conductors, Datalene® insulated
- Shielded per pair using Beldfoil® aluminium/polyester foil with Z-Fold® giving 100% coverage
- 24 AWG integral drain wire
- Grey PVC jacket
- Passes **VW-1 flame test**
- **UL Style 2493**

- Overall aluminium/polyester foil plus 65% tinned copper braid shield
- Applications RS-422, CAD and CAM

OC Resistance	78.7Ω	Nominal impedance	100Ω
Velocity of propagation	78%	Nominal capacitance	41pF/m

208215

152.5m Reel	Belden No.	No. of Pairs	Nominal Outside Dia.	Order Code	1+	5+	+	+
	8162	2	8.71	118-2169	824.58	--	--	--
	8163	3	9.12	118-2170	1,061.60	950.08	--	--
	8164	4	9.86	961-887	1,396.14	1,254.33	--	--

9272 Twinaxial



- Twinaxial construction cable comprising Clear and Blue polyethylene insulated 20AWG (7 x 28AWG) tinned stranded copper conductors with tinned copper braid shield
- Overall in Blue PVC
- **UL2092 recognised 300V 60° C**

Nominal outside diameter	6.2mm	Capacitance	64.6pF/m
Nominal impedance	78Ω	Velocity of propagation	66%

208068

Belden No.	Reel Size	Order Code	1+	3+
9272	30.5	121-8083	162.24	153.27
9272	152.5	118-2075	559.85	520.65
Continuous Length in 1m Multiples				
9272		121-8659	12.12	--

RG 59/U, RG6/U Precision Video Digital Analogue 75Ω



- 20AWG (solid) bare copper conductor RG59/U, RG6/U (18AWG)
- Duofoil® screened giving 95% + coverage
- Tinned copper braid shield 100% coverage

- Gas injected foam polyethylene dielectric
- Black PVC jacket
- High quality applications, live broadcast, network studios, pre and post-production facilities where a superior signal integrity is required
- 1505F is an exceptionally flexible version of 1505A



	RG59U	RG6/U	Nominal Attenuation per 100m (1505A)	
			RG59/U	RG6/U
Nominal outside diameter	5.92mm	6.96mm	0.98dB @ 1MHz	0.79dB @ 1MHz
Nominal resistance/km (core)	32.8Ω	21Ω	2.95dB @ 10MHz	2.4dB @ 10MHz
Velocity of propagation	83%	82%	8.9dB @ 135MHz	6.9dB @ 135MHz
Nominal Impedance	75Ω	75Ω	14.4dB @ 360MHz	11.3dB @ 360MHz
Nominal Capacitance	53.1pF/m	53pF/m/m	20.1dB @ 720MHz	16.2dB @ 720MHz
			24.92dB @ 1000MHz	19.3dB @ 1000MHz

208209

Belden No.	Order Code	1+	5+
305m Boxed Reel			
1505A	RG59/U	118-2173	898.37
1505F	RG59/U	121-8054	1,681.03
1694	RG6/U	121-8057	1,051.34
152.5m Boxed Reel			
1694A	RG6/U	592-031	490.39

8213 - RG11/U Type Coaxial 75Ω



- Foam polyethylene insulated 14AWG (1/1.63mm) plain solid copper conductor shielded in plain copper braid
- Sheathed overall in Black PVC

Nominal outside diameter	10.29mm	Velocity of propagation	84%
Capacitance	52.8pF/m	Attenuation per 100m	1.3dB @ 10MHz
Operating temperature	-55°C to +80°C		4.3dB @ 100MHz
Max operating voltage	600V rms		9.5dB @ 400MHz

208066

152.5m Reel	Belden No.	Order Code	1+	5+	+	+
	8213	118-2077	1,033.53	979.83	--	--
Continuous Length in 1m Multiples						
	8213	121-8664	21.18	--	--	--

9913F - Transmission Cable RG-8/U 50Ω



- 10 AWG (7/19AWG) bare copper wire
- Foam polyethylene insulation
- Duobond® II 90%+ French braid, providing 100% coverage

- Sheathed overall in matt Black Belflex® jacket
- Flexible stranded transmission cable typically used for high and low power RF connections. e.g. radio, antenna, microwave, transmitter and receiver applications. Excellent mechanical properties

Nominal outside diameter	10.29mm	Attenuation per 100m	4.92dB @ 100MHz,
Capacitance	73.8pF/m		9.84dB @ 400MHz, 16.4dB @ 1GHz,
Velocity of propagation	84%		39.7dB @ 4GHz
Nominal Impedance	50Ω		

208233

Belden No.	Reel Length	Order Code	1+	5+	+	+
9913F	30.5m	593-576	585.68	529.33	--	--
9913F	152.5m	118-2135	2,713.79	2,583.07	--	--
Continuous Length in 1m Multiples						
	9913F	121-8665	36.43	--	--	--

9829 - Twin Twisted Pair Overall Shielded



- Twin twisted pairs of polyethylene insulated 24AWG (7 x 32AWG) tinned stranded copper conductors
- Beldfoil® aluminium/polyester foil with integral tinned copper drain wire

- Sheathed overall in Chrome PVC or zero halogen (NH)
- Designed for RS422 applications.

Nominal outside diameter	7.39mm	Capacitance	59.1pF/m core to core
Nominal Impedance	100Ω		90.2pF/m core to core + shield
		Velocity of propagation	66%

208065

Belden No.	Reel Length	Order Code	1+	5+	+	+
9829	30.5m	118-2125	174.30	--	--	--
	152.5m	118-2078	856.04	813.31	--	--
Continuous Length in 1m Multiples						
	9829	121-8666	17.10	--	--	--

2

Cable & Wire

Compliant
Non-compliant
+ Limited stock - RoHS replacement available

RoHS

8723 - Twin Twisted Pair Individually Shielded

Belden CDT



- Individually shielded twin twisted pairs, Red/Black and Green/White polypropylene
- 22AWG (7/30AWG) tinned stranded copper wire
- Shielded in Beldfoil® aluminium/polyester foil with integral drain wire

- Pairs cabled on common axis to reduce diameter
- Sheathed overall in Grey PVC or zero halogen (NH)

Nominal outside diameter 4.06mm 203pF/m core to core + shield
 Nominal Impedance 45Ω
 Capacitance 115pF/m core to core Velocity of propagation 66%

Note: Reel length with U-prefix indicates supplied in UnReel® dispenser box.

208064

(NH) indicates zero halogen sheath

Belden No.	Reel Length	Order Code	Price Per Reel/Metre	
			1+	5+
8723	U-30.5m	118-2117	66.79	51.35
	U-152.5m	118-2081	310.57	261.14
	U-305m	118-2082	481.23	—
8723(NH)	U-305m	491-4569	673.92	649.95

Unshielded Twisted Pair

Belden CDT



- Black and Red PVC insulated unshielded twisted pair of 20AWG (7/28AWG) tinned stranded copper conductors
- Sheathed overall in Chrome PVC or zero halogen (NH)
- Designed for Audio and Control system applications.

Nominal outside diameter 5.1mm

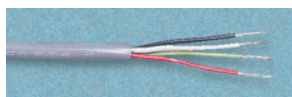
Belden Number	CSA	Nominal Outside Dia	Belden Number	CSA	Nominal Outside Dia
8205	0.5mm ²	5.1mm	8471NH	1.3mm ²	7.00mm
8205NH	0.5mm ²	5.1mm			

208078

Belden No.	Length	Order Code	1+	3+	+	+
8205	152.5m	118-2083	177.17	—	—	—
8205	305m	118-2084	318.20	—	—	—
8205NH	305m	121-8072	515.53	489.78	—	—
8471NH	305m	121-8076	938.51	919.73	—	—

8442 and 8444 Unshielded Multicore

Belden CDT



- Two and four core conductors
- PVC insulated 22AWG (7/30AWG) tinned stranded copper conductors
- Sheathed overall in Grey PVC
- Applications Audio, Control and RS232C

Type No.	No. of Cores	Nominal Outside Diameter	UL Recognised
8442	2	4.32mm	—
8444	4	4.7mm	2576

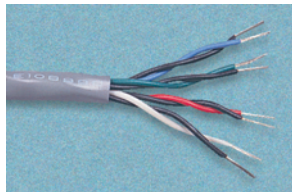
Note: Reel length with U-prefix indicates supplied in UnReel® dispenser box.

208077

Belden No.	Boxed Reel Length	Order Code	1+	5+	+	+
8442	U-152.5m	118-2085	123.34	107.17	—	—
8444	U-152.5m	118-2086	204.66	174.31	—	—

Unshielded Twisted Multipair

Belden CDT



- Twisted pairs 22AWG (7/30AWG) tinned stranded copper conductors
- Sheathed overall in Grey PVC
- Applications Audio and Control

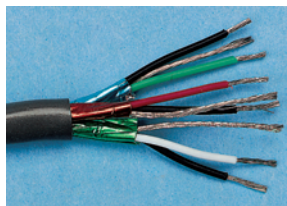
Type No.	No. of Pairs	Nominal Outside Diameter	UL Recognised
9744	2	6.20mm	UL 2576
9745	3	6.20mm	UL 2576
9746	4	7.14mm	UL 2576

208076

152.5m Reel Belden No.	Order Code	1+	5+
9744	118-2108	373.80	—
9745	118-2111	660.02	599.53
9746	118-2087	557.70	507.03

Multi-Pair Individually Beldfoil Shielded 22AWG (7/30) Conductors

Belden CDT



- For use in audio pulse and radio frequency applications
- UL 2919 recognised
- Beldfoil® individually shielded twisted pair
- Overall sheathed in PVC
- Passes VW-1 vertical wire flame test
- Available with zero halogen

Type No.	Pairs	Radial Thickness (mm) Insulation	Sheath	Diameter
8777	3	0.25	1.22	7.65
8778	6	0.25	1.22	9.2
8774	9	0.25	1.22	10.6
8775	11	0.25	1.22	11.8
8776	15	0.25	1.22	13.92
8769	19	0.25	1.22	15.32

Capacitance between conductors: 98pF/m Drain wire: 22AWG (7/30AWG)
 Shield resistance: 34.8Ω/km Conductor resistance: 49.2Ω/km

208182

Belden No.	Reel Length	Order Code	1+	5+
8777	152.5m	118-2147	442.73	—
	305m	761-345	894.80	—
8778	152.5m	761-357	758.12	689.91
	305m	118-2148	3,534.65	2,931.24
8774	30.5m	118-2149	404.01	387.86
8775	30.5m	118-2150	455.00	412.75
8776	30.5m	491-4582	829.07	—

Extended Distance - Low Capacitance 100Ω

Belden CDT



- 24 AWG (7/32AWG) Tinned stranded copper conductors
- Twisted pairs, Datalene® insulated, low capacitance
- Z-Fold overall Beldfoil® aluminium/ polyester

- shield, 100% coverage
- Overall tinned copper braid shield, 65% coverage
- Integral tinned copper drain wire
- PVC jacket
- Application EIA RS-232 and EIA RS-422
- UL Style 2919

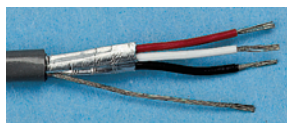
Nominal DC Resistance/km	78.7Ω	Nominal capacitance core/core	41pF/m
Velocity of propagation	78%	Nominal capacitance core/screen	72.2pF
Characteristic impedance	100R		

208216

152.5m Reel Belden No.	No. of Pairs	Nominal Outside Dia.	Order Code	1+	5+	+	+
8102	2	6.9	961-784	519.04	485.69	—	—
8103	3	7.2	118-2099	617.99	—	—	—
8104	4	7.8	961-802	764.68	692.41	—	—
8105	5	8	118-2100	941.39	—	—	—
8106	6	8.7	961-826	1,323.67	1,221.86	—	—
8112	13	11.8	437-153	2,307.02	2,129.49	—	—

Multi-Core Overall Shielded 24AWG

Belden CDT



- For sound, broadcast, audio, instrumentation and RS232 applications
- Beldfoil® shielded
- CSA approved as SRPVC
- Passes VW-1 vertical wire flame test

- 24AWG tinned copper wire conductors, stranded 7/32AWG
- Available in zero halogen (NH)
- UL Style 2464

Type No.	Cores	Nominal Outside Diameter (mm)	9537	7	5.31
9533	3	4.11	9538	8	5.69
9534	4	4.67	9539	9	6.20
9535	5	4.80	9540	10	6.19
9536	6	5.31	9541	15	7.21

208181

Belden No.	Reel Length	Order Code	1+	5+
9533	152.5m	118-2152	147.58	141.96
	305m	118-2153	324.43	—
9534	152.5m	118-2154	188.60	—
	305m	118-2112	519.71	482.68
9535	152.5m	118-2155	187.36	172.90
	305m	118-2113	598.52	567.89
9536	152.5m	118-2156	254.12	—
	305m	118-2157	506.57	—
9537	152.5m	118-2159	242.55	223.89
	305m	118-2114	895.42	—
9538	152.5m	118-2161	301.18	—
	305m	761-527	533.08	—

Prices are in Singapore Dollars and exclusive of GST.
 Due to the volatile nature of certain products,
 prices are subject to change without notice.

Belden No.	Reel Length	Order Code	1+	5+
9539	152.5m	118-2162	352.42	--
	305m	118-2163	702.62	--
9540	152.5m	118-2164	378.28	--
	305m	118-2115	1,221.22	1,079.76
9541	152.5m	118-2165	485.06	447.72
	305m	118-2116	1,332.07	1,260.32

Miniature Single Pair



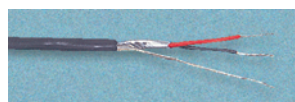
- Suitable for sound systems, broadcasting, audio and instrumentation applications
- Tinned copper wire conductors
- Overall sheathed in PVC
- Zero halogen (NH)
- UL 2092 recognised

Type No.	No. of Pairs	AWG	Construction	Nominal Capacitance/metre (pF/m)	Shield	Overall Dia.
8760	1	18	16/30AWG	79	144	5.64
8761	1	22	7/30AWG	79	154	4.45
8762	1	20	7/28AWG	89	161	5.18

208179

Belden No.	Reel Length	Order Code	1+	5+
8760	152.5m	118-2145	259.19	--
8760(NH)	305m	491-4855	728.66	--
8761	152.5m	761-278	168.56	--
8761(NH)	305m	491-4831	576.49	--
8762	152.5m	118-2143	204.20	182.33
	305m	118-2144	474.11	--
8762(NH)	305m	491-4843	662.90	--

8451 - Brilliance™ Miniature Shielded Twisted Pair



Black and Red polypropylene insulated twisted pair of 22AWG (7/30AWG) tinned stranded copper conductors. Shielded in Beldfoil® aluminium/polyester foil with integral drain wire. Paper wrapped and sheathed overall in Black PVC. Occupies

50% to 66% less space than standard cables, ideally suitable for internal wiring in audio applications.

Nominal outside diameter	3.43	Capacitance	111pF/m core to core
Max. working voltage	300V rms		220pF/m core to screen

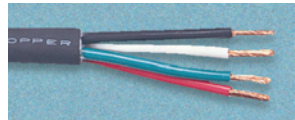
Note: Reel length with U-prefix indicates supplied in UnReel® dispenser box.

208079

Belden No.	Boxed Reel Length	Order Code	1+	5+	+
8451	U-30.5m	118-2118	59.87	52.78	--
	U-152.5m	118-2101	211.54	169.23	--
	U-305m	118-2102	395.10	335.60	--

1810A - Brilliance® Loudspeaker Cable

ETP conductors- 'Speakon' Compatible



- Highly flexible 4 core cable comprising PVC insulated plain multistranded
- 14AWG (104/34AWG) ELECTROLYTIC TOUGH PITCH ETP high conductivity copper conductors
- Cabled with fillers and paper wrap

- Shielded overall in special matt finish Black PVC.
- Specially designed for use with Neutrik 'Speakon' loudspeaker connectors.

Nominal outside diameter	9.91mm	Colour coding	Black, white, red, green
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208074

Belden No.	Reel Length	Order Code	1+	5+	+
1810A	76.25m	437-190	826.64	763.75	--
Continuous Length in 1m Multiples					
1810A		385-5259	9.49	--	--

Industrial & Automation Cables

Intemp 250 Industrial Composite Cables

PRO-POWER
Quality Cables



- Flexible Nickel Plated Copper Conductors with PFA Insulation and a glass fibre braid with a heat resistant overall varnish

- Nickel Plated Copper Conductors
- High resistance to industrial fluids, moisture and heat
- Easy termination of cable with nickel plated lugs
- Operating temperature: -25°C to 250°C
- Suitable for use in High temperature and high current application

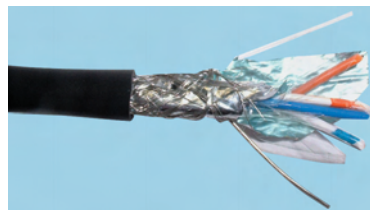
CSA	Construction	Current Rating	Nominal Dia.
1.00mm	32/0.20mm	25A	3.60mm
1.50mm	32/0.25mm	40A	3.85mm
1.50mm	32/0.25mm	40A	3.85mm

338837

Order Code	CSA	Reel Size	1+	5+
475-4761	1.00mm	10m	144.2700	132.2795
475-4773	1.50mm	10m	159.3600	--
475-4785	2.50mm	10m	193.2100	177.1762
475-4797	1.00mm	50m	542.7800	496.4749
475-4803	1.50mm	50m	562.7700	541.0033
475-4815	2.50mm	50m	649.0800	620.1500

Overall Screened Twisted Pair

PRO-POWER



Twin pair twisted screened cable used in data transmission equipment where high high speed transmission coupled with high noise immunity and rugged construction is required.

Type 1 & Type 2

- Two twisted pairs plain annealed copper conductors
- Tinned copper screening braid and PVC outer sheath
- Aluminised polyester tape round both pairs
- Drain wire between the tape and braid

NEW

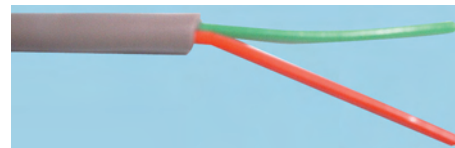
	Type 1	Type 2
Impedance	108Ω	100Ω
Capacitance	45.9pF/m	56pF/m
Conductor Make-up	1/0.643mm (22 awg)	
Attenuation	1 MHz	

386397

Reel Size	Order Code	1+	3+
Type 1			
100m	872-6744	335.2000	321.8767
500m	872-6752	1,554.8400	1,478.8120
Type 2			
100m	872-6760	316.4500	282.4038
500m	872-6779	1,526.8600	1,466.3910

Single Pair 22AWG

PRO-POWER



- Twisted pair of plain annealed copper conductors
- Colour codes cores with PVC outer sheath
- Ideally suited for RS-232C, RS-422A and RS-423A
- Supplied in 100m reels

NEW

Capacitance	Conductor	Temp. Range	Outer Dia.
56pF/m	1/0.643mm (22AWG)	-30 to 60°C	4.2 mm

386410

Order Code	1+	3+
872-6841	108.1400	104.2567

Compliant
Non-compliant
+ Limited stock - RoHS replacement available

RoHS

Overall Single Pair 22AWG

PRO-POWER
Quality Cables

- Twisted pair of plain annealed copper conductors
- Polypropylene insulated, laid up, Aluminium/Polyester taped
- Tinned Copper drain wire
- Grey PVC outer sheath

NEW

Capacitance 91pF/m	Conductor 7/0.25mm (22AWG)	Temp. Range -30 to 80°C	Outer Dia. 4.06 mm
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386418

Reel Size	Order Code	1+	3+
100m	872-6914▲	121.8000	115.0038
500m	872-6922▲	567.4900	546.9628

Coaxial Cable

Halogen Free Coax 179

tyco Electronics Raychem



- RG-179 alternative coax offered with halogen free insulation material
- Dimensions and conductor type conform to Mil Spec Mil-C-17
- Insulation is fully qualified to Def Stan 61-12 part 31
- Flame retarded and low smoke generation
- Low evolution of hazardous and corrosive gases
- Excellent flexibility
- Good resistance to oils, fuels and fluids
- Temperature rating: -30 to 105°C
- Supplied in 100m reels

Outer Diameter	2.5mm
Impedance	75Ω ±2Ω
Capacitance	65 pF/m maximum
Continuous Working Voltage	750 volts r.m.s. maximum
Operating Frequency	3GHz maximum
Attenuation dB/100m	10MHz 8.37, 100MHz 27.96, 1000MHz 98.99
Conductor	7/38awg silver plated copper clad steel

338934

Order Code	1+	3+
505-1277	409.86	396.40

Halogen Free Coax 316

tyco Electronics Raychem



- RG-316 alternative coax offered with halogen free insulation material
- Dimensions and conductor type conform to Mil Spec Mil-C-17
- Insulation is fully qualified to Def Stan 61-12 part 31
- Flame retarded and low smoke generation
- Low evolution of hazardous and corrosive gases
- Excellent flexibility
- Good resistance to oils, fuels and fluids
- Temperature rating: -30 to 105°C
- Supplied in 100m reels

Outer Diameter	2.5mm
Impedance	50Ω ±2Ω
Capacitance	98 pF/m maximum
Continuous Working Voltage	750 volts r.m.s. maximum
Operating Frequency	2.7GHz maximum
Attenuation dB/100m	10MHz 8.63, 100MHz 28.78, 1000MHz 101.58
Conductor	7/017mm silver plated copper clad steel

338928

Order Code	1+	3+
505-1289	392.79	377.65

RG59BU 75Ω

PRO-POWER
Quality Cables

- Solid polyethylene insulated 1/0.6mm copper clad steel conductor, braid screened
- PVC sheathed overall.

Nominal outside diameter	6.15mm	Attenuation per 10m	1.3dB @ 100MHz
Capacitance	68pF/m		1.9dB @ 200MHz
Max. RF working voltage	3.5kV peak		4.6dB @ 1000MHz

219629

100m Reel	Order Code	1+	5+	+	+	+
Black	120-2739●	109.72	105.63	--	--	--

RG58BU/CU - 50Ω

PRO-POWER
Quality Cables

- Solid polyethylene insulated 1/0.8mm copper clad steel conductor (RG58BU)
- Braid screen
- Black PVC sheathed overall to MIL-C17D

Nominal outside diameter	4.95mm	Nominal attenuation (100m)	kV2.5
Capacitance	100pF/m		1.7dB @ 100MHz,
Maximum voltage	15kVdc		5.6dB @ 1000MHz,
Maximum RF working voltage	peak		

219627

50m Reel	Order Code	1+	5+	+	+	+
RG58BU	120-2663●	58.34	54.37	--	--	--
100m Reel	Order Code	1+	5+	+	+	+
RG58BU	120-2665●	109.66	105.33	--	--	--
500m Reel	Order Code	1+	5+	+	+	+
RG58CU	120-2666●	444.37	422.34	--	--	--

RG58CU 50Ω

PRO-POWER
Quality Cables

- High quality RG58 cable
- 19/0.18mm stranded tinned copper conductor
- Solid polyethylene dielectric
- 90% plain copper braid coverage

- Insulated in Black PVC

Capacitance	100pF	Impedance	50Ω
Nominal outside diameter	4.95mm		

232150

100m Reel	Order Code	1+	5+	+	+	+
Black	121-9357●	82.54	70.79	--	--	--

RG59B/U

Nexans



- Good resistance to flame NFC 32070/C2 (CEI 332-1&2)
- Available in black or white PVC jacket
- Continuous working voltage: 1700 volts
- Maximal operating frequency: 1 GHz
- Single braid bare copper shield
- Operating temperature: -40 to 85°C

Suitable for high frequency connections.

Capacitance	Conductor	Outer Diameter	Impedance
<72.2pF/m	1/0.58mmmm	6.15mm	75Ω

337500

Colour & Reel Size	Order Code	1+	3+
Black 100m	121-7839●	116.85	109.31
Black 500m	121-7840●	492.16	478.86
White 100m	121-7841●	116.85	109.31
White 500m	121-7842●	492.16	478.95

RG59B/U LSF

Nexans



Suitable for high frequency connections.

- Good resistance to flame NFC 32070/C2 (CEI 332-1&2)
- Continuous working voltage: 1700 volts
- Maximal operating frequency: 1 GHz
- Single braid bare copper shield
- Halogen free jacket
- Operating temperature: -40 to 85°C

Capacitance	Conductor	Outer Diameter	Impedance
<72.2pF/m	1/0.58mmmm	6.15mm	75Ω

337497

Reel Size	Order Code	1+	3+
100m	121-7832●	143.03	137.23
500m	121-7833●	707.00	684.10

RG59 Miniature

Nexans



- Good resistance to flame NFC 32070/C2 (CEI 332-1&2)
- Continuous working voltage: 1700 volts
- Bare copper braid shield
- PVC jacket
- Operating temperature: -20 to 80°C

Capacitance	Conductor	Outer Diameter	Impedance
51pF/m	1/0.64mmmm	3.70mm	75Ω

337803

Reel Size	Order Code	1+	3+
100m	121-7836●	145.44	139.41
500m	121-7837●	637.05	--

RG178BU



Ideal for high frequency interconnections between PCB in Telecommunication equipment's.

- Continuous working voltage: 750 volts
- Very good resistance to solvents
- Maximal operating frequency: 3 GHz
- Very good resistance to soldering operations
- Single braid silver plated copper screen
- Brown FEP jacket
- Operating temperature: -90 to 200°C (PTFE)

Capacitance 95pF/m	Conductor 7x0.10mm	Outer Diameter 1.80mm	Impedance 50Ω
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337283

Reel Size	Order Code	1+	3+
100m	121-7819	355.09	332.79
25m	121-7820	94.08	87.72

RG174AU 50Ω



- Solid polyethylene insulated 7/34 AWG copper covered steel conductors
- Braid screened
- Black PVC sheathed overall to MIL-C17
- Use with SMB, SMC and MCX connectors.

Nominal outside diameter	2.8mm
Capacitance	101pF/m
Max. voltage (core to screen)	6kV dc
(screen to sheath outer)	2.8kV dc
Maximum RF working voltage	2.1kV peak
Nominal attenuation (100m)	57.5dB @ 400mHz,

208356

Reel Colour	Length	Order Code	1+	5+	+	+	+
Black	50m	120-2736	48.56	46.57	--	--	--
Black	100m	120-2737	95.84	92.82	--	--	--
Black	500m	120-2738	471.06	424.16	--	--	--

RG174AU 50Ω



- Polyethylene insulated 7/0.16mm copper clad steel
- 0.10mm, 87% coverage braid
- Black PVC sheathed

Nominal outside diameter	2.80mm
Capacitance	106pF/m
Velocity Ratio	66%
Nominal attenuation (100m)	82dB @ 400mHz,

243253

Reel Colour	Length	Order Code	1+	5+	+	+	+
Black	50m	418-1438	50.57	49.00	--	--	--
Black	100m	418-1440	120.59	111.03	--	--	--
Black	500m	418-1451	489.88	445.47	--	--	--

VMTX Miniature Coaxial Cable 50Ω and 75Ω



- Suitable for high frequency operation 3GHz maximum
- Resistant to fluids used in aircraft
- Wide operating temperature range
- Very small diameter good flexibility
- White FEP sheathed overall

	50VMTX	75VMTX
Temperature range	-90°C to +200°C	-90°C to +200°C
Impedance	50Ω	75Ω
Maximum working voltage	250V dc	250V dc
Attenuation per 100m @ 100MHz	55dB	70dB
Solid centre conductor silver plated copper covered steel	0.17mm	0.1mm
Nominal overall dia.	1.17mm	1.22mm
Dielectric	PTFE	PTFE
Silver plated copper braid screen		

208255

100m Reel	Mftrs. List No.	Order Code	1+	5+	+	+
50Ω	5633JZZD	157-284	313.51	274.90	--	--
75Ω	5634JZZD	157-296	346.12	311.50	--	--

RG179BU 75Ω



- P.T.F.E. insulated 7/0.1mm (7/0.004 in.) stranded silver plated copper-clad steel conductor with silver plated copper braid screen

- Sheathed overall in transparent Brown F.E.P. (fluorinated ethylene propylene) to MIL-C-17 requirements

Nominal outside diameter	2.54mm	Max R.F. voltage	1.2kV (peak)
Capacitance	75pF/m	Attenuation per 100m	55.76dB @ 400mHz,

208104

Reel Length	Order Code	1+	5+	+	+
25m	121-7849	127.22	120.53	--	--
100m	121-7850	543.15	489.04	--	--

RG213AU 50Ω



- RG213AU cable
- 7/0.75mm stranded copper conductors
- Solid polyethylene dielectric covered in a plain copper braid
- Insulated in Black PVC

Capacitance	100pF
Nominal outside dia.	10.3mm
Impedance	50Ω

232149

100m Reel Colour	Order Code	1+	5+	+	+	+
Black	121-9356	265.13	228.80	--	--	--

RG316U 50Ω



- P.T.F.E. insulated 7/0.17mm (7/0.0067 in.) stranded silver plated copper-clad steel conductor

- RG316U - single silver plated copper braid screen
- Sheathed overall in transparent Brown F.E.P. (fluorinated ethylene propylene) to MIL-C-17 requirements

Nominal outside diameter	2.49mm	Attenuation per 10m	3.61dB @ 100MHz (RG316U)
Capacitance	105pF/m/m/m		6.89dB @ 400MHz (RG316U)
Max R.F. voltage	1.2kV (peak)		19.03dB @ 1000MHz (RG316U)

208105

Reel Length	Order Code	1+	5+	+	+
25m	121-7851	121.06	110.82	--	--
100m	121-7852	450.27	413.04	--	--

RG402U/RG405U 50Ω Semi-Rigid Microwave



- Semi-rigid coaxial cable especially suited for use with SMA connectors
- Inner conductor silver coated copper clad steel

- 0.9mm (RG402U), 0.5mm (RG405U)
- Solid copper tube outer conductor ensures negligible RF leakage
- Precision construction provides quality performance to 18GHz using SMA connectors
- Score with knife to strip outer sheathing

	RG402	RG405
Operating temp. range	-40°C to +125°C	-40°C to +125°C
Nominal outside dia.	3.58mm	2.2mm
Capacitance	96pF	105pF
Max voltage	1.5kV dc	1.9kV dc

208362

	Order Code	1+	Price Per Length	5+	+
RG405					
3m Length	711-299	70.20	63.18	--	--
RG402					
1m Length	711-263	25.00	22.50	--	--
3m Length	711-275	75.00	67.50	--	--

2

Cable & Wire

Compliant
Non-compliant
Limited stock - RoHS replacement available

RoHS

Quickform®



- Electrical performance similar to semi rigid coaxial
- Very low attenuation with very high screening
- Easily formed by hand
- Recommended for mobile phones and PCB to PCB links
- Intended for static links

Impedance
Inner conductor silver plated copper covered steel dia.
Outer conductor tin soaked copper braid diameter
Capacitance
Dielectric
Relative velocity of propagation
Attenuation per metre @ 1GHz
10GHz
20GHz
Temperature range
Minimum static bend radius

Quickform®86	Quickform®141
50Ω±2Ω	50Ω±2Ω
0.51mm	0.95mm
2.14mm	3.52mm
97pF/m	97pF/m
P.T.F.E	P.T.F.E
70%	70%
0.64dB	0.42dB
2.26dB	1.23dB
3.42dB	1.95dB
-65°C to +150°C	-65°C to +150°C
7mm	11mm

208257

Continuous Length in 1m Multiples		Price Per Metre			
	Order Code	1+	5+	+	+
Quickform®86	157-983	15.13	13.71	--	--
Quickform®141	157-995	20.42	18.95	--	--
100m Reel		1+	5+	+	+
Quickform®86	157-260	1,091.94	1,054.32	--	--
Quickform®141	157-272	1,487.11	1,376.86	--	--

Uniradio 43/67 50Ω



- Solid polyethylene insulated
- Braid screened
- Black PVC sheathed overall to BS2316

	Uniradio 43	Uniradio 67
Conductor	1/0.9mm	7/0.77mm
Nominal outside diameter	5mm	10.3mm
Capacitance	100pF/m	100pF/m
Maximum voltage	21kV dc	40kV dc
Maximum RF working voltage	2.6kV peak	6.5kV peak
Attenuation (10m)		
Uniradio 43	1.3dB @ 100 MHz	4.6dB @ 1000 MHz
Uniradio 67	0.68dB @ 100 MHz	2.52dB @ 1000 MHz

219631

Reel Length	Order Code	1+	5+	+
Uniradio 43 100m	121-7790	89.30	87.66	--
Uniradio 67 50m	121-7791	174.33	167.23	--
Uniradio 67 100m	121-7792	347.02	340.06	--

Uniradio 76 50Ω



- Solid polyethylene insulated 7/0.32mm copper conductor
- Braid screened and PVC sheathed overall to BS2316.

Nominal outside diameter	5mm	Max R.F working voltage	2.6kV peak
Capacitance	100pF/m	Attenuation per 10m	1.6dB @ 100MHz, 5.3dB @ 1000MHz,
Maximum DC working voltage	21kV		

219633

100m Reel	Order Code	1+	5+	+
Colour				
Black	121-7797	96.19	92.91	--

Television Coaxial Cable (Low Voltage)

Uniradio 202/203 75Ω



Low Loss



- Cellular polythene insulated
- Braid screened, PVC sheathed overall to BS2316
- 202 7/0.25mm, copper, 203 1/1.12mm copper strands.
- Low loss, general purpose coaxial cable

	202	203
Nominal outside diameter	5.1mm	7.25mm
Capacitance	56pF/m	56pF/m
Operating temperature	-5°C to +70°C	-5°C to +70°C
Attenuation per 100m	11dB @ 100MHz, 40dB @ 900MHz,	7.5dB @ 100MHz, 26dB @ 900MHz,

208367

Colour	Reel Length	Order Code	1+	5+	+
Uniradio 202					
Black	50m	121-7802	43.79	42.35	--
Black	100m	121-7798	73.99	71.04	--
Brown	100m	121-7799	80.08	75.93	--
Uniradio 203					
Black	50m	121-7801	59.09	55.98	--
Black	100m	121-7803	114.83	108.69	--

Satellite TV Coaxial Cable

CT125/167 75Ω



- A range of 75Ω coaxial cables suitable for TV and satellite applications
- Sheathed in Black PVC, RBS type is suitable for direct burial and underground ducts sheathed in Green.

	CT125	CT125RBS	CT167	CT167 RBS
Conductor	1/1.25mm	1/1.25mm	1/1.67mm	1/1.67mm
Capacitance	56pF/m	56pF/m	56pF/m	56pF/m
Nominal outside diameter	7.8	9.6	10.1	11.5
Min. bending radius	45	—	50	—
Attenuation (100m) @				
CT125/CT125RBS	50MHz, 3.4dB	100MHz, 4.9dB	450MHz, 10.9dB	1000MHz, 16.5dB
CT167/CT167RBS	2.7dB	3.8dB	8.4dB	12.8dB

208115

100m Reel	Order Code	1+	5+	+
CT125	711-226	152.34	--	--
CT125 RBS	711-238	293.44	264.10	--
CT167	711-240	273.93	246.54	--
CT167 RBS	711-251	436.48	392.84	--

CX-125 Satellite Cable



- 75Ω coaxial cable designed for TV and satellite applications where a longer run of cable is required
- Constructed with a 1.25mm solid copper conductor, foam filled dielectric, 64/0.12mm copper braid and foil with a PVC outer sheath
- Designed and manufactured to minimise signal losses and to provide excellent RLR characteristics up to 2150MHz

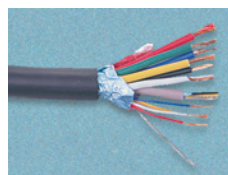
Attenuation/100m	Return Loss
50MHz	3.5dB
100MHz	5.0dB
200MHz	7.5dB
1000MHz	17dB
	5-30MHz
	30-470MHz
	470-862MHz
	862-2150MHz
	>23dB
	>23dB
	>20dB
	>18dB

248508

Colour	Reel Length	Order Code	1+	3+	+
Black	100m	431-7579	268.64	255.65	--
Black	250m	431-7580	580.96	574.62	--

Scart Audio/Video

Universal Peri-tel - DIN-EN-50049



Universal Scart cable for audio/video and data transmission applications, conforming to EN50-049. Construction consists of 6 video coaxial cores, 4 overall screened audio cores, 4 data cores, screened overall with aluminium/polyester foil with tinned copper drain wire. Sheathed overall in Black PVC.

Construction (6 x 75Ω Video Coaxial Cores)

Conductor	26 AWG (10/0.1mm) stranded plain copper wire
Insulation	Foamed polyethylene
Screen	Lapped 0.1mm plain copper
Sheath	Polyethylene, Green, Red, Yellow, Black, Blue, White

Construction (4 Audio Cores)

Conductor	26 AWG (10/0.1mm) stranded plain copper wire
Insulation	Polyethylene, Red, White, Black, Blue
Screen	Aluminium/polyester foil with tinned copper drain wire

Construction (4 Data Cores)

Conductor	26 AWG (10/0.1mm) stranded plain copper wire
Insulation	Polyethylene, Red, White, Yellow, Blue

Nominal outside Diameter 10.4mm

207985

25m Reel	Order Code	1+	5+	+	+
Colour					
Black	297-859	238.8500	223.5125	--	--

Video Coaxial Cable

Standard 75Ω



- Solid polyethylene insulated 1/0.6mm plain annealed copper conductor
- Double tinned copper braid screen.
- Sheathed overall in Cream PVC to **BS6746**.

- Suitable for fixed wiring installations in outside broadcasting vehicles, studios etc.

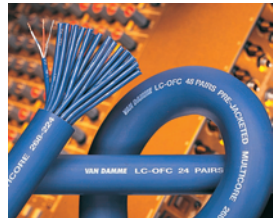
Nominal outside diameter	6.4mm	Attenuation per 100m	0.4dB @ 0.1MHz
Capacitance	68pF/m		1dB @ 1.0MHz,
Mfrs. List No.	660004		3.35dB @ 10MHz,

207968

100m Reel	Order Code	1+	5+	+	+
Colour					
Cream	217-062	324.37	293.50	--	--

Van Damme Pro-Audio / Video Cable

Blue Series Balanced Audio



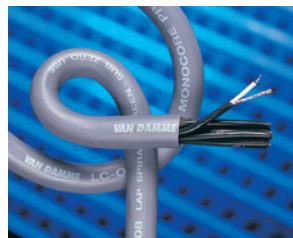
- High purity Oxygen Free Copper conductor 28 x 0.10mm (0.22mm²) 24AWG
- Individual cores are pre-sheathed in PVC, colour coded and numbered
- Eliminates the need to heatshrink, number and continually test conductors
- Reduces preparation and termination time
- Tough, flexible and easy to use
- Pairs cabled with flexible fillers and talc lubricant

Pair insulation:	Cross linked polyethylene (XLPE) 1.00mm diameter
Screen:	Aluminium polyester foil tape
Drain wire:	19/0.12mm (0.22mm ²) 24AWG tinned oxygen free copper
Pair sheath:	2.70mm dia.
Overall sheath:	Abrasion resistant PVC composite
Temp. range:	-25°C to +70°C
Conductor resistance:	0.085Ω/km max.
	Voltage rating: 250V
	Inductance: 0.5μH/m per metre

208197

Continuous length in 1m Multiples		Price Per Metre		
No. of Pairs	Order Code	1+	10+	25+
2	136-440	8.35	7.93	7.12
4	798-459	11.54	10.95	9.88
8	798-460	17.27	16.41	14.82
12	798-472	24.63	23.37	21.09
16	798-484	32.70	31.04	28.02
24	798-496	45.81	43.49	39.29
32	798-502	55.74	52.91	47.81
40	798-514	72.22	68.58	61.91
48	798-526	88.37	83.95	75.79

Grey Series Unbalanced Audio



- 8-way and 16-way for interconnection of unbalanced audio equipment
- Individually jacketed and numbered inner cores
- Simple termination
- Flexible PVC sheath
- Low noise, Oxygen Free Copper conductors 14/0.15mm (0.25mm²) 23AWG

Insulation:	Cross linked polyethylene (XLPE) 1.45mm diameter
Screen:	48/0.10mm (0.35mm ²) 22AWG tinned Oxygen Free Copper
Temp. Range:	-25°C to +70°C
Conductor Resistance:	90Ω/km max.
	Voltage rating: 250V
	Capacitance: 300pF/metre

208199

Cont. Length in 1m Multiples			Price Per Metre		
No. of Ways	Outside Dia.	Order Code	1+	10+	25+
8	10	798-538	13.13	12.48	11.25
16	13.2	798-540	24.03	22.85	20.57

Microphone



- Multipurpose twin core heavy duty microphone cable
- Low noise Oxygen Free Copper conductors 28/0.10mm (0.22mm²) 24AWG
- Flexible PVC/neoprene sheath
- Easy to handle even at sub-zero temperatures
- Dense spiral lap Oxygen Free Copper screening 80/0.10mm.
- Quick and easy preparation and termination

Pair insulation:	Cross linked polyethylene (XLPE)
Capacitance:	<100pF/metre core to core
	<165pF/metre core to screen

Conductor Resistance:	84Ω/km max.
Nominal outside diameter:	6.35mm

208202

100m Reel	Order Code	1+	5+	10+
Black	798-137	243.98	212.16	192.27
Blue	798-149	243.98	212.16	192.27
Red	798-150	243.98	212.16	192.27
Green	798-162	268.38	233.38	207.64
Grey	798-174	243.98	212.16	192.27
Yellow	798-186	268.38	233.38	207.64

One Pair Installation.

Vandamme



- Designed for fixed wiring audio installation purposes
- Used by the majority of Europe's top recording studios
- Reduced overall diameter with superb electrical performance
- Foil screen bonded to outer sheath, both can be removed in one action
- Low noise Oxygen Free Copper conductors 7/0.20mm (0.22mm²) 24AWG
- Ideal for cable forming when wiring patch panels
- Abrasion resistant, anti-kink PVC sheath

Pair insulation:	Cross linked polyethylene (XLPE)
Screen:	foil tape
Drain wire:	7/0.2 OFC(0.22mm ²)
Temp. range:	-25°C to +70°C
Capacitance:	<90pF/m core to core
	<189pF/m core to screen

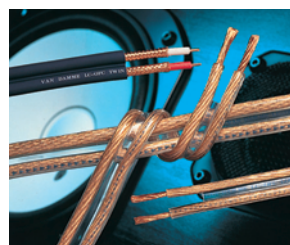
Conductor Resistance:	78Ω/km max.
Voltage rating:	250V
Nominal outside diameter	3.5mm ±0.10mm

208204

100m Reel	Order Code	1+	5+	10+
Black	798-289	102.77	89.51	86.19
Blue	798-307	102.77	89.51	86.19
Red	798-320	102.77	89.51	86.19
Green	798-344	102.77	89.51	86.19
Violet	798-368	102.77	89.51	86.19
Orange	798-381	102.77	89.51	86.19
500m Reel	Order Code	1+	5+	10+
Black	798-290	447.53	381.23	371.28

Hi-Fi Cable

Vandamme



- Ultra fine Oxygen Free Copper cores laid out to minimise skin effect
- Flexible soft PVC/neoprene sheath
- Side by side shotgun construction
- Easy termination to individual connectors
- Used by top U.K. studios for critical monitoring applications

Conductor: 2.50mm² ≈ 7/46/0.10mm non tinned linear crystal

2.5mm ²	Conductor resistance	Capacitance
Twin Interconnect	6.5Ω/km max.	≈ <53pF/metre
		≈ <97pF/metre

208188

50m Reel	Order Code	1+	5+	10+
2/2.50mm ²	798-678	224.20	202.05	189.67
Twin Interconnect	798-708	410.96	357.37	334.75

OFC Video Coaxial 75Ω

Vandamme



- Highly flexible robust construction
- Solid polyethylene insulated Oxygen Free Copper conductors 7/0.2mm (0.2mm²)
- 95% coverage braid screen
- PVC/Neoprene antistatic composite sheath
- Remains flexible at low temperatures
- Designed for use with RG59 size crimp BNCs

Nom. Outside diameter	6.1mm	Attenuation per 100m	1.2db @ 1MHz
Capacitance	67pF/m		2.5db @ 4.4MHz
Weight	5kg		3.7db @ 10MHz

208268

100m Reel

	Order Code	1+	5+	10+
Black	135-173	218.79	196.92	177.22
Red	135-185	218.79	196.92	177.22
Green	135-197	218.79	196.92	177.22
Blue	135-203	218.79	196.92	177.22
Cream	135-215	218.79	196.92	177.22

RGB + Sync



Vandamme

- Miniature coaxial cable designed for RGB + sync signals
- 75Ω precision individual cores
- Overall diameter allows cable to be used with D sub-miniature connectors if required

- 4 core RGB + Sync, 5 core RGB + Sync and Hold
- Applications professional video, computer monitor etc., where separate syncs are required

Individual coaxes (7/0.13) mm tinned copper
Dielectric foam polyethylene 1.6mm diameter
Tinned copper braid screen giving 95% coverage

Overall core diameter 2.54mm
Core colours Red, Green, Blue, White 5th core Black
Sheathed overall in dark Red flexible PVC

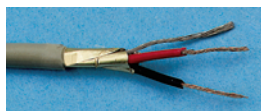
208234

50m Reel

No. of Cores	Nominal Outside Diameter	Order Code	1+	5+	10+	25+
4	8.85	594-910	625.58	594.30	560.89	497.67
5	9.6	596-188	745.34	708.08	668.30	593.00

Digital Audio Installation Cable - 1 Pair

Vandamme



- Stranded, small diameter designed for patch panel and rack wiring, for digital audio signals
- Low capacitance figures (<38pF/m core to core, <78pF/m core to screen)

- 110Ω impedance
- Foamed polyolefin insulation
- Flexible PVC sheath
- Recommended for MIDI and time code purposes

Pair conductor: 7/0.2mm (0.22mm²) 24AWG plain copper
Screen: Aluminium polyester bonded tape
Drain Wire: 7/0.20mm (0.22mm²) 24AWG tinned copper
Attenuation (100M): 2.156dB @ 1 MHz, dB @ 4 MHz, dB @ 10 MHz, dB @ 16 MHz, dB @ 20 MHz, 4.347dB
Temp. range: -20°C to +70°C
Voltage rating: 250V
Nominal Outside Dia.: 3.9mm

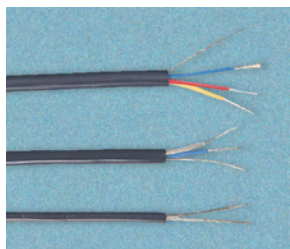
208190

Reel Length	Order Code	1+	5+	10+
100m	798-721	131.27	109.40	99.45
500m	798-733	596.70	497.25	417.86

Microphone Cable

Miniature 1, 2 & 4 Core
Conductive Thermoplastic Screen

Nexans



Polyethylene insulated 7/0.2mm (0.22mm²) tinned copper conductors together with a 7/0.2mm tinned copper drain wire in a conductive thermoplastic sheath providing a high level of screening and flexibility. Ideal for microphones, indoor or outdoor sound installations, instrumentation applications etc. Sheathed overall in Black PVC.

No. of Cores	Nom. Outside Diameter	Capacitance/Metre Core/Core	Core/Screen
1	2.6	—	180pF
2	3.7	90pF	160pF
4	4.4	80pF	150pF

207979

100m Reel

No. of Cores	Order Code	1+	5+	+	+	+
1	121-7804	61.77	59.26	—	—	—
2	121-7805	105.26	99.37	—	—	—
4	121-7807	164.69	160.90	—	—	—

Professional Audio Cable

Brand-Rex

7/0.254mm (Twisted Pair)



- Red, Black polypropylene insulated tinned copper twisted pairs

- Aluminised polyester foil
- Integral tinned copper drain wire
- Sheathed overall Black PVC
- Applications audio or data transmission

Nominal outside diameter 3.56mm
Capacitance 111pF/m core to core

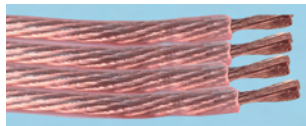
220pF/m core to screen

224058

100m Reel

Colour	Order Code	1+	5+	+	+	+
Black	152-573	113.3640	107.6958	—	—	—
Grey	235-726	91.9320	87.3354	—	—	—
500m Reel Black	277-939	454.3200	431.6040	—	—	—

Audio Speaker OFC 4-Core Cable

PRO-POWER
Quality Cables

- High quality Oxygen Free Copper 4-core speaker cable
- Micro fine strands offering excellent flexibility
- Insulated with a transparent PVC sheath
- Ideal for Bi-wiring or general purpose audio

381214,381221

NEW

Reel Length	Nom. Dimensions	Order Code	1+	3+
1.5mm² (189/0.10mm)				
100m	3.1x13 mm	843-6320	211.02000	209.51780
50m	3.1x13 mm	843-6339	105.76000	105.02680
25m	3.1x13 mm	843-6347	53.37000	52.96536
2.5mm² (322/0.10mm)				
100m	3.6x15 mm	843-6355	329.28000	326.96570
50m	3.6x15 mm	843-6363	165.83000	164.62120
25m	3.6x15 mm	843-6371	82.66000	82.09296

Single Core Screened
10/0.12mm

- High quality single core audio connecting cable
- Provides quality transmission of low frequency audio signals

- Cable is constructed using 99.999% Oxygen Free Copper conductors and screen and overall sheathed in Grey PVC
- Very low signal distortion, resistance and interference

Construction 10/0.12mmmm Nom. Outside diameter 1.6mm
Screen 26/0.10 OFC

232632

100m Reel Colour	Order Code	1+	5+	+
Grey	389-4678	37.97	—	—

Loudspeaker Cable

HITACHI

LC-OFC Conductors



- Black and Red polyethylene insulated 54/0.18mm (1.25mm²) plain conductors using high purity LINEAR CRYSTAL OXYGEN-FREE COPPER in twin figure-8 configuration

- Sheathed overall in tough matt Black PVC
- Use of LC-OFC enables high quality sound transmission due to low signal loss
- Ideal for use in low voltage, high current power supply applications

Overall dimensions 5 X 9.4 Max. operating temp. 60°C Max. cond. resistance 14Ω/km Max voltage 100V RMS Max current 10A

224059

25m Reel Colour	Order Code	1+	5+	+
Black	152-143	208.13	187.26	—

GAC-2 Balanced 2 Core

'Reussen Shield' Screen



- 2 core PVC insulated brown, white 48/0.07mm (0.19mm²), copper conductors
- White PVC layer separator 'Reussen Shield' 0.1mm

- Sheathed overall in extra-flexible matt finish PVC
- Applications, balanced line e.g. MIDI, XLR-to-XLR type leads
- Excellent noise rejection qualities

Nominal outside diameter	5.4mm	Capacitance	160nF/km core to core
Conductor resistance	110Ω/km max.		220nF/km core to screen
Shielding resistance	20Ω/km max.	Test voltage	500V eff. core to core
			1000V eff. core to screen

Mftrs. List No. GAC-2 + Colour

207988

Colour	Order Code	1+	5+	+	+	+
10m Coil						
Black	120-1941	51.57	46.29	--	--	--
Blue	120-1942	56.72	50.91	--	--	--
100m Reel		1+	3+	+	+	+
Red	120-1944	390.04	355.34	--	--	--
Blue	120-1945	390.04	355.34	--	--	--

GAC-4/1 Star Quad 4 Core

'Reussen Shield' Screen



- Microphone interconnect cable, designed specifically to minimise noisy electrical environments
- 4-core: White, Ivory, Pink and Red 96/0.05mm (0.19mm²) copper wire

- Quad construction
- Wrapped overall in viscose fibre
- Sheathed overall in ultra flexible velvet Black PVC

Nominal outside diameter	5.4mm	Capacitance	65pF core to core
Impedance at 10Khz	180Ω		105pF core to shield
Conductor resistance	108Ω/km max.	Test voltage	500V eff. core to core
Shield resistance	20Ω/km max.		2000V eff. core to screen

Mftrs. List No. GAC 4/1 Black

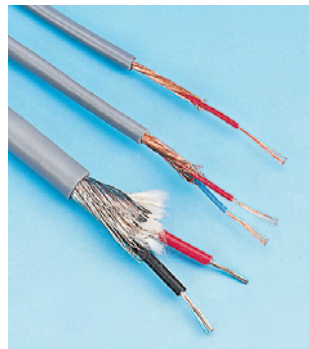
224062

	Order Code	1+	5+	+	+	+
5m Coil	120-1948	38.70	35.27	--	--	--
10m Coil	120-1949	82.36	73.41	--	--	--
100m Reel	120-1950	606.47	563.46	--	--	--

Overall Lap Screened Audio Cable

Single Round, Twin-Oval and Twin-Twisted Pair Round

7/0.1mm and 7/0.2mm



- PVC insulated 7/0.1mm or 7/0.2mm plain stranded copper conductors
- Twin oval: conductors side by side
- Twin round: conductors **twisted for hum reduction**
- Grey PVC sheathed overall

Single Round	Nominal Outside Dia.	Capacitance/metre	Insulation Colour	Order Code
Conductor Size		Core/screen		
7/0.1mm	2	360pF	Red	120-2691
7/0.2mm	3.1	320pF	Blue	120-2692
Twin Oval	Nominal Dimenstions	Capacitance/metre	Insulation Colour	Order Code
Conductor Size		Core/Core		
7/0.1mm	2.8 x 2	180pF	Red,blue	120-2693
7/0.2mm	4.7 x 3.1	170pF	Red,blue	120-2694
Twin Twisted Pair Round	Nominal Outside Dia.	Capacitance/metre	Insulation Colour	Order Code
Conductor Size		Core/core		
7/0.2mm	4.8	120pF/m	Red,black	120-2695

PRO-POWER Quality Cables

100m Reel

Conductor Size

Single Round

7/0.1mm

7/0.2mm

Twin Oval

7/0.1mm

7/0.2mm

Twin Twisted Pair Round

7/0.2mm

Price Per Reel

Order Code	1+	5+	+	+	+
120-2691	47.24	44.92	--	--	--
120-2692	49.56	47.22	--	--	--
120-2693	47.77	45.66	--	--	--
120-2694	69.48	66.11	--	--	--
120-2695	120.56	114.21	--	--	--

208292

Enhanced performance Polythene

10/0.1mm and 18/0.1mm



- Plain copper conductors and PVC sheathed overall.
- Sheathed overall in Grey PVC.

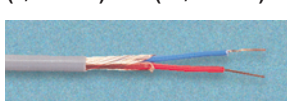
Nominal outside diameter	Capacitance	Inner Insulation	Weight	Order code
2.4mm 10/0.1mmmm conductor	80pF/m core/screen	Red	1kg	119-7478
2.4mm 18/0.1mmmm conductor	145pF/m core/screen	Red	0.8kg	119-7479

Note: Was previously 7/0.1mm and 7/0.2mm

208368

Order Code	1+	5+	+	+	+
119-7478	58.72	56.48	--	--	--
119-7479	56.31	53.97	--	--	--

(7/0.1mm) and (18/0.1mm) Twin



- Blue and Red PVC insulated plain copper conductors, screened
- Sheathed overall in Grey PVC.

Nominal dimensions	Conductor	Core/core	Capacitance	Weight	Weight	Order code
3.7mm	18/0.1mm	83pF/m	Core /screen	1.6kg	18/0.1mmkg	119-7481
3mm	7/0.1mm	83pF/m	140pF/m	1.35kg	7/0.1mmkg	119-7480

208370

100m Reel	Order Code	1+	5+	+	+	+
Colour						
Grey	119-7481	91.84	87.48	--	--	--
Grey	119-7480	60.36	58.59	--	--	--

7/0.2mm (Twisted Pair)



Black and Red PVC insulated plain copper conductors, **twisted for hum reduction**, screened and PVC sheathed overall.

Nominal Outside diameter	5mm	Capacitance	150pF/m core/core
			250pF/m core/screen

208371

100m Reel	Order Code	1+	5+	+	+	+
Colour						
Grey	119-7482	130.07	122.27	--	--	--

Overall Braid Screened Audio Cable

16/0.2mm (Single)



- Red PVC insulated copper conductor, screened and PVC sheathed overall.

Nominal Outside diameter	3.4mm	Capacitance	360pF/m core/screen
Nominal conductor area	0.5mm ²		

208372

100m Reel	Order Code	1+	5+	+	+	+
Colour						
Black	119-7477	134.22	125.38	--	--	--

7/0.2mm & 16/0.2mm (Twisted Pair)



- Blue and Red PVC insulated copper conductors, **twisted for hum reduction**
- Screened
- PVC sheathed overall

Nominal O/D	Nominal conductor area	Capacitance/metre	Sheath	Order code
5.2mm	0.22mm ²	Core/core	Core /screen	
6.3mm	0.5mm ²	120pF/m	210pF/m	119-7475
			171pF/m	119-7476

2

Cable & Wire

Compliant
Non-compliant
Limited stock - RoHS replacement available

RoHS

208373

100m Reel	Order Code	1+	5+	+	+	+
7/0.2mm	119-7475	169.07	164.02	--	--	--
16/0.2mm	119-7476	210.42	202.65	--	--	--

Colour Coded Ribbon

Edge Bonded

7/0.2mm (0.22mm²), 16/0.2mm (0.5mm²)
PRO-POWER
Quality Cables


- Colour coded PVC insulated 7/0.2mm (0.22mm²) or 16/0.2mm (0.5mm²) tinned copper conductors
- Edge bonded to form a neat and convenient ribbon cable which can be easily separated for discrete wiring
- Available in 10, 20 or 30 way versions

Max. operating temperature	Conductor	70°C	Width	Voltage rating	300V rms Capacitance	Current rating
Conductor Size	Area	10w	20w	30w	Thickness	@ 25°C
7/0.2mm	0.22	14.0	28.0	42.0	1.2	50pF/m
16/0.2mm	0.5	15.5	31.0	—	1.55	65pF/m
						2A
						4A

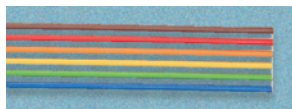
Colour Code Sequence: Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Grey, White.

Note: Not suitable for use with IDC connector system.

208061

No. of Ways	Reel Length	Order Code	1+	5+	+
7/0.2mm					
10	10m	120-2508	27.71	26.33	--
10	25m	120-2511	68.02	65.13	--
10	50m	120-2513	134.65	128.96	--
20	10m	120-2514	55.71	--	--
20	25m	120-2515	133.85	129.36	--
20	50m	120-2516	265.04	252.10	--
30	10m	120-2517	87.52	83.23	--
16/0.2mm					
10	25m	120-2518	188.53	174.04	--
20	25m	120-2519	234.97	223.66	--
20	50m	120-2520	460.52	424.91	--

2.54mm (0.1") Fixed Pitch Extruded

7/0.203mm (0.23mm²)
PRO-POWER
Quality Cables


- Tinned copper conductors in coloured extruded flexible PVC sheath
- Ideal for interconnections involving repeated or continuous flexing.

Conductors	7/0.203mm	24 AWG	Nominal current rating	1.4A
Voltage rating	300V		PVC radial thickness	0.3mm
Operating temperature	70		Nominal Conductor area	0.22mm ²

Colour Code Sequence: Brown, Red, Orange, Yellow, Green, Blue, Violet, Grey, White, Black.

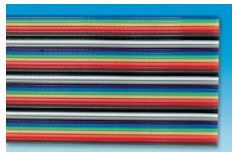
208380

Continuous length in 5m Multiples			50m Reel					
Conductors	Order Code	Price Per m 5-50	Order Code	1+	5+	+	+	+
4	150-431	2.96	150-427	61.19	52.98	--	--	--
6	150-432	4.16	150-428	90.09	79.56	--	--	--
8	150-433	5.33	150-429	120.09	105.89	--	--	--
10	150-434	6.92	150-430	151.71	133.97	--	--	--

Note: Cut lengths must be ordered in 5m multiples e.g. 5m, 10m, 15m

Note: Cut lengths must be ordered in 5m multiples e.g. 5m, 10m, 15m

Colour Coded 1.27mm (0.05") Pitch

PRO-POWER
Quality Cables


- UL Style 20299
- Manufactured in VW-1 flame retardant PVC sleeving
- Colour coded for easy wire identification

Wire gauge	28AWG stranded	Impedance	100Ω
	7/0.127mm tinned copper	Capacitance	45pF/m
Temperature rating	105°C	Inductance	1.5μH/m
Voltage rating	300V	Insulation resistance	100MΩ/m
Propagation delay	4.2ns/m	Conductor resistance	237Ω/km

246419

30.5m Reels Conductors	Order Code	1+	5+	+
9	918-7286	87.00	78.30	--
10	918-7294	88.00	79.20	--
14	918-7308	89.00	82.00	--
15	918-7316	91.00	84.00	--
16	918-7324	99.00	91.00	--
20	918-7332	131.00	117.90	--
24	918-7340	141.00	130.00	--

30.5m Reels Conductors	Order Code	1+	5+	+
25	918-7359	163.00	148.00	--
26	918-7367	175.00	157.50	--
34	918-7375	211.00	192.00	--
36	918-7383	215.00	196.00	--
37	918-7391	228.00	207.00	--
40	918-7405	238.00	214.20	--
50	918-7413	310.00	282.00	--
60	918-7421	321.00	288.90	--
64	918-7430	333.00	303.00	--

IDC Ribbon Cable

Grey 1.27mm (0.05") Pitch

PRO-POWER
Quality Cables

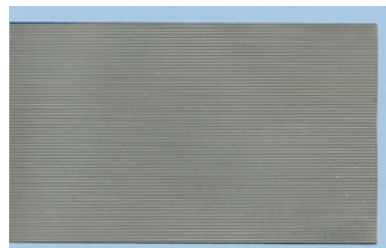

- Manufactured in VW-1 flame retardant Grey PVC sleeving
- The first conductor is identified by a Red leading edge

Wire gauge	28AWG stranded	Impedance	100Ω
	7/0.127mm tinned copper	Capacitance	45pF/m
Temperature rating	105°C	Inductance	1.45μH/m
Voltage rating	300V	Insulation resistance	1GΩ/m
Propagation delay	4.2ns/m	Conductor resistance	237Ω/km

246415

30.5m Reels Conductors	Order Code	1+	5+	+
8	918-7111	53.92	45.34	--
9	918-7120	53.92	45.34	--
10	918-7138	37.38	33.64	--
14	918-7146	49.27	44.30	--
15	918-7154	52.59	47.29	--
16	918-7162	55.48	49.95	--
20	918-7170	70.66	63.60	--
24	918-7189	79.53	71.53	--
25	918-7197	82.39	74.04	--
26	918-7200	83.85	75.53	--
34	918-7219	98.74	88.79	--
36	918-7227	101.69	91.03	--
37	918-7235	127.63	114.76	--
40	918-7243	133.93	120.45	--
50	918-7251	163.57	147.16	--
60	918-7260	194.06	175.31	--
64	918-7278	206.83	186.81	--

Round Conductor Flat Cable

3M


- Close spacing permits higher signal density
- TPE insulation provides excellent transmission properties
- 30 AWG (0.254) Tinned solid copper conductors
- Zippable for branching or discrete termination
- Meets SCSI-3 Fast-20 characteristic impedance requirements
- UL recognised (Style 20297)

Wire gauge	30AWG stranded	Capacitance	54.1pF/m*
Temperature rating	-40 to 105°C	Inductance	0.43μH/m*
Voltage rating	<50V	Insulation resistance	>1 x 10 ¹⁰ Ω/10ft (3m)
Current rating	1A	Colour	Grey
Impedance	90Ω*		

* unbalanced, measured between ground-signal-ground conductors.

Mfrs. List No. 3749 + No. of Conductors

382241

Continuous Length in 1m Multiples Conductors	Order Code	Price Per m	30.5m Reel Order Code	Price Per Reel 1+	Price Per Reel 3+
20	120-7757	5.02	120-7749	130.94	126.39
26	120-7758	6.60	120-7750	201.35	194.18
40	120-7759	10.04	120-7752	297.14	279.02
50	120-7760	10.21	120-7753	306.74	298.47
80	120-7761	19.42	120-7754	579.71	555.67
100	120-7762	22.77	120-7755	671.44	639.60

Medium Flex Life 1.27mm (0.05") Pitch



- **UL recognised (Style 2651)** manufactured in **VW-1** flame retardant Grey PVC sleeving
- Tinned stranded copper conductors
- Flex life of 10 million cycles at 1 3/4 inch diameter

- 19 strands of tinned copper provide extended flex life for dynamic applications

Wire gauge	28AWG (19/40AWG) tinned stranded	Capacitance	43.8pF/m
Temperature rating	-20°C to 105°C	Inductance	0.49uH/m
Voltage rating	300V	Propagation delay	4.66ns/m
Impedance	106Ω	Velocity of propagation	72%
		Colour	Grey

Mftrs. List No. 3539 + No. of Conductors

239333

Continuous Length in 1m Multiples		Price Per m	30.5m Reel Order Code		Price Per Reel	
Conductors	Order Code				1+	5+
10	414-1155	18.0800	414-0709	241.3200	218.2561	
14	414-1167	24.6100	414-0710	328.9700	297.5703	
16	414-1179	46.5400	414-0722	620.2500	560.9909	
20	414-1180	35.3200	414-0734	470.2600	425.3299	
26	414-1192	52.4000	414-0746	698.8600	632.1359	
34	414-1209	58.9200	414-0758	786.3100	711.1822	
40	414-1210	59.2600	414-0760	790.9300	715.4006	
50	414-1222	97.5900	414-0771	1,304.3800	1,179.8020	
64	414-1234	111.9900	414-0783	1,495.6200	1,352.7590	

Clear 2.54mm (0.1") Pitch



- Flat plain copper conductors encased in a highly flexible polyester/PVC material
- Rugged but flexible cable can be cut down from 34 ways as required
- Ideal for use where space is limited and high flexibility and reliability is required
- Suitable for use with Berg Clincher connectors: see **Connectors - IDC Section**

208347

3.05m Reel No. of Ways		Order Code	Price Per Reel		
			1+	5+	+
34		120-2507	151.93	132.80	--

Grey 0.64mm (0.025") Pitch



- **UL recognised (Style 2678)**, Flame retardant PVC insulated jacket
- The first conductor is identified by a Red leading edge.

Wire gauge	30AWG solid	Impedance	80Ω
Temperature rating	-20°C to +105°C	Colour	Grey
Voltage rating	150V		

208247

30.5m Reels Conductors		Mftrs.	Order Code	Price Per Reel			
				1+	10+	50+	100+
26	2-57013-5		117-4562	66.32	44.19	--	--
50	1-57013-9		117-4564	152.79	145.35	82.68	70.92
68	2-57013-1		117-4565	226.23	152.31	115.92	99.39

Grey 1.27mm (0.05") Pitch



- **UL recognised (Style 2651)**, manufactured in **VW-1** flame retardant PVC insulation
- The first conductor is identified by a Red leading edge

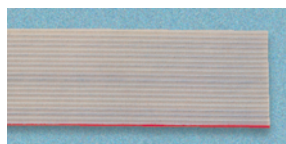
Wire gauge	28AWG stranded 7/36AWG tinned copper	Capcitanace	42pF/m
Temperature rating	105°C	Inductance	0.49uH/m
Voltage rating	300V	Insulation resistance	10 ¹⁰ Ω
Impedance	108	Colour	Grey

Mftrs. List No. 3365 + No. of Ways

208383

Continuous Length in 1m Multiples Conductors		Price Per m	30.5m Reel Order Code		Price Per Reel	
	Order Code				1+	3+
9	297-276	2.7500	296-790	74.5600	66.2900	
10	297-288	3.2300	296-806	80.0200	71.4800	
14	297-290	4.4800	296-818	111.9900	100.0700	
15	297-306	4.8400	296-820	119.9900	107.1700	
16	297-318	5.1100	296-831	132.5600	117.8500	
20	297-320	6.0900	296-843	160.0000	142.9300	
25	297-331	7.9600	296-855	200.0100	178.6200	
26	297-343	8.3500	296-867	207.9800	185.8500	
30	860-6480	5.8300	860-6404	172.7600	164.1524	
34	297-355	10.8200	296-879	281.7100	250.4100	
37	297-367	11.8600	296-880	306.5800	272.5000	
40	297-379	12.7700	296-892	320.0000	285.8500	
50	297-380	16.1000	296-909	414.2700	368.2300	
60	297-392	19.1600	296-910	497.1100	441.8900	

Halogen Free 1.27mm (0.05") Pitch - Scotchflex™



- **UL recognised (Style 20930)**, manufactured in low toxicity **VW-1** flame retardant **halogen-free** polyolefin insulation
- The first conductor is identified by a Red leading edge

Wire gauge	28AWG solid 7/36AWG	Capcitanace	38.1pF/m
Temperature rating	105°C	Inductance	0.52uH/m
Voltage rating	300V	Insulation resistance	10 ¹⁰ Ω
Impedance	107Ω	Colour	Off White

Mftrs. List No. 2010 + No. of Ways

224064

Continuous length in 1m Multiples Conductors		Price Per m	30.5m Reel Order Code		Price Per Reel			
	Order Code				1+	3+	+	+
9	860-9004	3.2800	860-8822	122.4000	116.3765	--	--	--
10	297-665	11.9900	297-185	258.3400	241.4500	--	--	--
20	297-690	15.6000	297-215	319.6700	300.2800	--	--	--
26	297-707	18.3600	297-227	367.4800	345.1800	--	--	--
34	297-719	21.6300	297-239	463.3700	433.0500	--	--	--
50	297-732	27.1600	297-252	539.5300	506.7500	--	--	--

Colour Coded 1.27mm (0.05") Pitch



- **UL recognised (Style 20462)**, manufactured in **VW-1** flame retardant PVC insulation
- Colour coded for easy wire identification

Wire gauge	28AWG 7/36AWG tinned copper	Impedance	105Ω
Temperature rating	80°C	Voltage rating	300V

Mftrs. List No. 3302 + No. of Ways

208384

Continuous Length in 1m Multiples Conductors		Price Per m	30.5m Reel Order Code		Price Per Reel			
	Order Code				1+	3+	+	+
9	120-7415	3.8500	116-6714	90.7300	81.0200	--	--	--
10	120-7417	4.3200	119-7080	111.9900	103.6200	--	--	--
14	120-7418	5.9900	116-6716	156.8200	140.0800	--	--	--
16	120-7419	6.9300	116-6717	185.5900	164.9700	--	--	--
20	120-7420	8.6400	116-6718	231.9900	206.2200	--	--	--
25	120-7421	10.7800	116-6719	252.0400	225.1200	--	--	--
26	120-7422	11.2200	116-6720	301.6000	268.1200	--	--	--
40	120-7423	17.2400	119-7081	462.6400	411.2100	--	--	--
50	120-7424	21.5300	119-7082	559.9900	517.9400	--	--	--
60	120-7425	25.8100	119-7084	694.4300	617.3000	--	--	--
64	860-6811	19.9900	860-6730	575.6900	564.1715	--	--	--

Grey 1.27mm (0.05") Pitch



- **UL recognised (Style 2651)**, manufactured in a flame retardant PVC sleeving
- The first conductor is identified by a Red leading edge.
- **CSA** approved

Wire gauge	28AWG stranded 7/36AWG tinned copper	Impedance	105Ω
Temperature rating	-20°C to +105°C	Capacitance	45.9pF/m
Voltage rating	300V	Inductance	0.59uH/m
Current rating	1A nominal	Insulation resistance	10 ¹⁰ Ω

Mftrs. List No. 191-280-1 + No. of Ways

208381

Continuous Length in 1m Multiples		Price Per m	30.5m Reel		Price Per Reel
Conductors	Order Code		Order Code	1+	5+ 10+
9	120-7434	4.08	117-0216	35.60	30.26 28.48
10	120-7436	3.95	117-0217	39.55	33.62 31.64
14	120-7437	5.02	117-0218	55.37	47.07 44.30
15	120-7438	5.62	117-0219	59.33	50.43 47.46
16	120-7439	5.86	117-0220	47.46	40.34 37.97
20	120-7440	7.53	117-0221	59.51	50.59 47.61
24	120-7442	8.37	117-0222	71.19	60.51 56.95
25	120-7443	6.19	117-0224	74.16	63.04 59.33
26	120-7444	8.97	117-0225	77.13	65.56 61.70
34	120-7445	10.41	117-0226	100.86	85.73 80.69
37	120-7446	13.53	117-0227	109.76	93.29 87.81
40	120-7447	7.35	117-0228	118.66	100.86 94.92
50	120-7448	17.34	117-0229	148.32	126.07 118.66
60	120-7449	21.19	117-0230	177.98	151.29 142.39
64	120-7450	21.53	117-0231	215.16	182.89 172.13

Colour Coded 1.27mm (0.05") Pitch

SPECTRA-STRIP®



- UL recognised (Style 20130) manufactured in a flame retardant PVC sleeving
- Colour coding allows easy circuit tracing and routing
- CSA approved

Wire gauge	28AWG stranded	Impedance	105Ω
	7/36AWG tinned copper	Capacitance	42.7pF/m
Temperature rating	°C to +105°C	Inductance	0.59μH/m
Voltage rating	300V	Insulation resistance	10 ¹⁰ Ω
Current rating	1A nominal		

Mfrs. List No. 135-2802-3 + No. of Ways

208382

Continuous Length in 1m Multiples		Price Per m	30.5m Reel		Price Per Reel
Conductors	Order Code		Order Code	1+	5+ 10+
10	120-7451	4.66	117-0232	75.27	63.98 60.22
14	120-7452	8.14	117-0233	83.06	70.60 66.45
16	120-7454	8.87	117-0234	94.92	80.69 75.94
20	120-7455	11.85	117-0236	103.82	88.25 83.06
26	120-7456	15.07	117-0237	134.97	114.73 107.98
34	120-7457	19.02	117-0238	176.50	150.03 141.20
37	120-7458	20.42	117-0239	217.68	185.03 174.15
40	120-7459	21.53	117-0240	222.73	189.32 178.18
50	120-7460	27.89	117-0241	278.41	236.65 222.73
60	120-7461	33.81	117-0254	334.09	283.98 267.27
64	120-7462	36.16	117-0255	356.36	302.91 285.09

Blue 1.27mm (0.05") Pitch

tyco / Electronics / ANSLEY



- UL recognised (Style 2651) for internal wiring of electronic computer and business machines
- First conductor is identified by a Blue leading edge.

Wire gauge	28AWG stranded	Capacitance	45.9pF/m
Temperature rating	105°C	Inductance	0.46μH/m
Voltage rating	300V	Insulation resistance	10 ¹⁰ Ω
Impedance	100Ω	Colour	Light Blue
Current rating	1A		

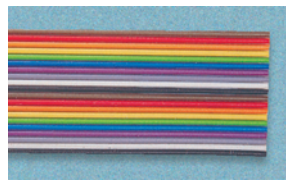
Mfrs. List No. (171-xxG) where xx = No. of conductors

208386

Continuous Length in 1m Multiples		Price Per m	30.5m Reel		Price Per Reel
Conductors	Order Code		Order Code	1+	5+ +
9	301-887	3.76	302-053	80.54	71.29 --
10	301-899	4.14	302-065	54.82	47.59 --
14	301-905	4.73	302-077	63.37	57.94 --
15	301-917	5.04	302-089	65.79	60.29 --
16	301-929	5.32	302-090	70.30	64.41 --
20	301-930	6.78	302-107	87.63	80.32 --
25	301-954	7.90	302-120	102.13	94.07 --
26	301-966	8.07	302-132	108.08	97.61 --
34	301-980	9.49	302-156	130.51	118.59 --
37	302-004	12.27	302-170	153.16	138.95 --
40	302-016	12.39	302-181	170.74	154.58 --
50	302-028	15.72	302-193	203.83	179.64 --
60	302-030	23.77	302-200	338.19	293.78 --
64	302-041	20.83	302-211	330.55	297.50 --

Colour Coded 1.27mm (0.05") Pitch

tyco / Electronics / ANSLEY



- UL recognised (Style 20067) for internal wiring of electronic computer and business machines
- The cable is colour coded allowing quick and easy identification for harness break-outs and as a polarity check.

Wire gauge	28AWG stranded	Impedance	100Ω
Temperature rating	105°C	Capacitance	45.9pF/m
Voltage rating	300V	Inductance	0.46μH/m
Current rating	1A nominal	Insulation resistance	10 ¹⁰ Ω

Mfrs. List No. (201-xxG) where xx = No. of conductors

208387

Continuous Length in 1m Multiples		Price Per m	30.5m Reel		Price Per Reel
Conductors	Order Code		Order Code	1+ 5+ +	
10	302-223	8.50	302-351	119.38 99.50	--
14	302-235	11.82	302-363	159.74 133.12	--
16	302-259	13.52	302-387	182.56 152.15	--
20	302-260	14.08	302-399	190.27 158.55	--
25	302-284	19.33	302-417	251.08 209.24	--
26	302-296	21.81	302-429	283.38 277.46	--
34	302-302	24.87	302-430	335.73 279.78	--
40	302-314	33.14	302-442	447.63 373.06	--
50	--	--	302-454	484.95 404.12	--
60	302-338	38.64	302-466	502.15 418.49	--
64	--	--	302-478	596.85 497.39	--

High Flex Life (0.05") Pitch

3M



- UL recognised (Style 2651), manufactured in VW-1 flame retardant Black PVC insulation
- The first conductor is identified by a red leading edge
- Flex life of 100 million cycles at 1/4 inch diameter
- Silver plated stranded copper alloy conductors

Wire gauge	28AWG stranded	Capacitance	43.6pF/m
Temperature rating	-20 to 105°C	Inductance	0.49μH/m
Voltage rating	300V	Insulation resistance	10 ¹⁰ Ω
Impedance	107Ω	Colour	Black

Mfrs. List No. 3319 + No. of Conductors

208388

Continuous length in 1m Multiples		Price Per m	30.5m Reel		Price Per Reel
Conductors	Order Code		Order Code	1+ 5+ +	
10	120-7426	55.74	116-6721	642.50 535.43	--
14	120-7427	72.32	116-6722	816.95 667.48	--
16	120-7429	82.53	116-6723	1,027.08 856.68	--
20	120-7431	103.12	116-6725	1,267.89 1,056.59	--
24	120-7432	134.09	116-6726	1,439.24 1,174.08	--

Grey 0.033" Pitch

3M



- UL recognised Style 2651, manufactured in Grey VW-1 flame retardant PVC insulation
- The first conductor is identified by a Red leading edge
- For use with 96 way DIN41612 connectors

Wire gauge	30AWG stranded	Capacitance	57.4pF/m
Temperature rating	-20°C to +105°C	Inductance	0.46μH/m
Voltage rating	300V	Insulation resistance	10 ¹⁰ Ω
Impedance	89Ω		

Mfrs. List No. 3849-96

219630

Continuous Length in 1m Multiples		Price Per m	30.5m Reel		Price Per Reel
No of ways	Order Code		Order Code	1+ 5+ +	
96	333-2123	68.9700	332-9987	754.5700 651.7217	--

Grey 0.64mm (0.025") Pitch PVC - Solid Conductor

SPECTRA-STRIP®



- UL recognised (Style 2678) made in Grey PVC
- The conductor is identified by a Black leading edge

Prices are in Singapore Dollars and exclusive of GST.
Due to the volatile nature of certain products,
prices are subject to change without notice.

Wire gauge 30AWG bare solid conductor
 Temperature rating -20°C to +105°C
 Voltage rating 150V
 Current rating 0.8A nominal

Impedance 80Ω
 Capacitance 62.3pF/m
 Inductance 0.49μH/m
 Insulation resistance 10¹⁰Ω

Mfrs. List No. (191.3003.0XX) where xx = No. of Conductors

208339

Continuous Length in 1m Multiples			30.5m Reel		Price Per Reel		
No. of Ways	Order Code	Price Per m	Order Code	1+	5+	10+	
68	120-7472	22.16	117-0248	186.11	158.20	148.89	
80	120-7473	23.94	117-0249	216.10	183.69	172.88	

Grey 0.64mm (0.025") Pitch TPE - Solid Conductors

SPECTRA-STRIP®



- UL recognised (Style 20647)
- The first conductor is identified by a Red leading edge
- TPE Insulation improves the cables electrical performance and provides a faster signal speed than PVC

Wire gauge 30AWG bare solid conductor
 Temperature rating -20°C to +105°C
 Voltage rating 150V
 Current rating 0.8A nominal

Impedance 80Ω
 Capacitance 62.3pF/m
 Inductance 0.46μH/m
 Insulation resistance 10¹⁰Ω

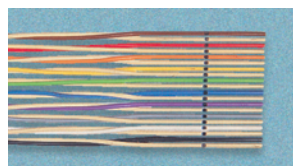
Mfrs. List No. 193.3003.068

208342

Continuous Length in 1m Multiples			30.5m Reel		Price Per Reel		
Conductors	Order Code	Price Per m	Order Code	1+	5+	10+	
68	120-7470	18.31	117-0245	154.45	131.28	123.56	

Twist and Flat 1.27mm (0.05") Pitch

tyco / Electronics / ANSLEY



- Colour coded cable laminated on one side only, providing increased flexibility and ease of discrete wire separation

Wire gauge 28AWG 7/36AWG
 Temperature rating 105°C
 Voltage rating 300V

Capacitance 51.5pF/m
 Propagation delay 1.56ns/ft
 Cable construction 0.457m twisted, 5.08cm flat, 0.457m twisted etc, 12-13 twists per 0.457m length

Impedance 95Ω
 Current rating 1A nominal

Mfrs. List No. (200-xx) where xx = No. of conductors

224065

Continuous Length in 1m Multiples			30.5m Reel		Price Per Reel		
No. of Pairs	Order Code	Price Per m	Order Code	1+	5+	+	
8	302-480	14.70	302-569	226.71	185.20	--	
10	302-491	19.09	302-570	277.78	231.49	--	
13	302-508	23.90	302-582	368.37	300.98	--	
17	302-510	30.77	302-594	430.41	358.71	--	
20	302-521	36.76	302-600	555.62	463.00	--	
25	302-533	47.71	302-612	694.53	578.77	--	
30	302-545	52.16	302-624	729.89	608.25	--	
32	302-557	61.06	302-636	888.96	740.79	--	

Twist and Flat 1.27mm (0.05") Pitch

SPECTRA-STRIP®



- UL recognised
- Highly flexible colour coded PVC insulation
- Double contour on flat section allows termination from either side of cable
- Easy conductor separation for circuit routing

Wire Gauge 28AWG 7/36AWG
 Tinned Copper
 Temperature Rating 105°C
 Voltage Rating 300V
 Impedance 100Ω

Current Rating 1A Nominal
 Capacitance 49pF/m/m
 Insulation Resistance 10¹⁰Ω
 Cable construction 45.7cm (18") twisted, 5.1 cm (2") flat etc

Mfrs. List no. 132.2802.2xx where xx = no. of conductors

230708

Continuous Lengths in 1m Multiples

Conductors		Order Code	Price Per m	30.5m Reel	Price Per Reel		
				Order Code	1+	5+	10+
10	120-7475	7.87	117-0256	86.03	73.12	68.82	
14	120-7476	9.37	117-0257	102.59	87.20	82.07	
16	120-7478	9.88	117-0258	108.15	91.93	86.52	
20	120-7479	11.22	117-0261	123.48	104.95	98.78	
26	120-7480	12.22	117-0262	135.16	114.88	108.13	
34	120-7481	19.59	117-0263	216.30	183.86	173.04	
40	120-7482	20.92	117-0264	230.51	195.94	184.41	
50	120-7483	23.94	117-0265	264.94	225.20	211.95	
60	120-7484	26.78	117-0266	296.64	252.14	237.31	
64	120-7485	28.46	117-0267	314.56	267.38	251.65	

Loose Twisted Flat (0.05") Pitch



- UL recognised (Style 20488) manufactured in coloured VW-1 flame retardant PVC insulation
- Loose twisted pairs provide extra flexibility, extended product life and allows for easy routing

Wire gauge 28AWG stranded
 Temperature rating -20°C to +80°C
 Voltage rating 300V
 Impedance 115Ω
 Capacitance 43.6pF/m

Cable construction 220mm twisted, 50mm flat
 Inductance 220mm twisted etc.
 Insulation resistance 0.59μH/m
 Colour 10 Colour Repeat

Mfrs. List No. (3782-xxP-270) where xx = No. of conductors

208337

30.5m Reel		Price Per Reel		
No. of Conductors	Order Code	1+	5+	+
10	332-9859	591.9900	--	--
16	862-1420	227.8300	210.8570	--
20	862-1438	284.3800	267.0030	--
26	867-7700	367.5100	351.6404	--
34	862-1446	386.0200	352.9127	--
40	332-9860	618.6800	534.9800	--
50	862-1454	533.5000	518.5048	--
64	332-9872	876.0800	785.7100	--

Round, Jacketed, Flat Cable



- Round construction permits easier routing
- 28 AWG 7x36 wire on 0.050" centers permits mass termination to broad line of IDC connectors

NEW

- Continuous split/bond repeat allows for mass termination on 2.4" centers (approximate)
- Meets external wiring requirements of National Electrical Code, Article 725 (CL2)
- Primary cable is zippable for branching or discrete terminations
- UL recognised (Style 20267)

Wire gauge 28AWG stranded
 Temperature rating -20 to 80°C
 Voltage rating <50V
 Impedance 133Ω *

Capacitance 39.0pF/m*
 Inductance 0.69μH/m*
 Insulation resistance (Primary cable)>1 x 10⁹Ω/10ft (3m)
 Colour Gray

* balanced, measured between conductors within a pair.

Mfrs. List No. 3759 + No. of Conductors

382290

30.5m Reel		Price Per Reel		
No. of Ways	Order Code	1+	3+	
9	861-0894	175.7700	168.2370	
10	861-0916	182.5000	170.0449	
14	861-0924	193.7200	183.5374	
15	861-0932	181.4600	177.8458	
16	861-0940	196.2600	190.5012	
20	861-0959	206.3400	197.2307	
24	861-0967	234.5900	214.9416	
25	861-0975	226.1600	209.3839	
26	861-0983	269.7800	252.0374	
30	861-0991	327.2000	318.3948	
34	861-1009	345.8500	337.3445	
37	861-1017	347.0200	337.0097	
40	861-1025	370.8600	353.1470	
50	861-1033	385.0900	365.6351	
60	861-1041	420.7400	397.1398	
64	861-1050	507.7200	480.2371	

Round and Flat 1.27mm (0.05") Pitch



- UL recognised (Style 20267) round and flat PVC insulated ribbon cable for IDC termination
- Repeat of 35mm separated and 25mm bonded conductors
- Screened in aluminium polyester tape with overall tinned copper braid for excellent RFI/EMI protection

- Sheathed overall in Black PVC

382238

Wire gauge	28AWG stranded 7/36AWG tinned copper	Capacitance	90.9pF/m
Temperature rating	80°C	Inductance	0.43μH
Voltage rating	300V	Insulation resistance	10 ¹⁰ Ω
Impedance	62Ω	Colour	Grey
		Cable Sheath:	Black

Mfrs. List No. 3659 + No. of ways

224066

Continuous Length in 1m Multiples		Price Per m	30.5m Reel		Price Per Reel		
Conductors	Order Code		Order Code	1+	3+	+	+
9	297-537	20.42	297-057	529.97	471.10	--	--
10	297-549	20.56	297-069	534.98	494.80	--	--
14	297-550	23.26	297-070	602.30	573.31	--	--
15	297-562	24.06	297-082	604.55	559.15	--	--
16	297-574	24.17	297-094	366.00	350.37	--	--
20	297-586	26.01	297-100	651.02	581.58	--	--
25	297-598	29.18	297-112	721.33	654.60	--	--
26	297-604	29.77	297-124	744.06	688.15	--	--
34	297-616	33.42	297-136	837.03	774.19	--	--
37	297-628	35.36	297-148	883.64	817.25	--	--
40	297-630	36.27	297-150	907.07	810.32	--	--
50	297-641	41.76	297-161	511.46	490.06	--	--
60	297-653	46.57	297-173	1,162.56	1,075.28	--	--

Round 'N' Flat 1.27mm (0.05") Pitch

SPECTRA-STRIP®



Flat ribbon cable with separated conductors every alternate 19mm (¾"), within two layers of shielding all in a round outer sheath minimising the effect of EMI/RFI. The first layer is helically wrapped aluminium/mylar, the second layer being tinned copper braid. Overall sheathed in a flexible flame retardant PVC covering. **UL/CL2/CSA** certified.

Wire gauge	28 AWG stranded 7/36AWG tinned copper	Inductance	0.49μH/m
Temperature rating	-20°C to +105°C	Insulation resistance	10 ¹⁰ Ω
Voltage rating	300V	Capacitance	78.7pF/m. @1MHz
Current rating (nominal)	1A	Colour	Grey
Impedance	75Ω	Cable Jacket	Black

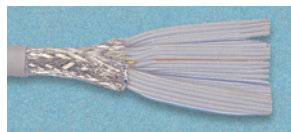
Mfrs. List No. (159-2801-0xx) where xx = No. of conductors

208385

Continuous length in 1m Multiples		Price Per m	30.5m Reel		Price Per Reel		
Conductors	Order Code		Order Code	1+	5+	10+	
9	120-7463	23.10	117-0251	249.12	217.11	204.34	
15	120-7464	24.94	117-0252	269.18	234.60	220.80	
25	120-7466	27.79	117-0242	386.17	328.25	308.94	
26	120-7467	28.02	117-0243	388.72	330.41	310.98	
37	120-7468	31.84	117-0244	419.47	356.55	335.57	
50	120-7469	32.81	117-0253	353.22	307.83	289.72	

Round and Flat 1.27mm (0.05") Pitch

tyco / Electronics / ANSLEY



- 2 level screening aluminium foil and copper braid
- Meets requirements of A and B class FCC regulations
- Sheathed overall in highly flexible PVC

Wire gauge	28AWG stranded (7/36AWG)	Impedance	57Ω
Operating Temperature	-20°C to +80°C	Current rating	1A
Voltage rating	300V	Capacitance	95pF/m

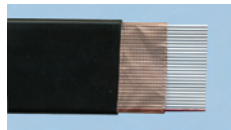
Mfrs. List No. (300-xx) where xx = No. of conductors

224067

Continuous Length in 1m Multiples		Price Per m	30.5m Reel		Price Per Reel		
Conductors	Order Code		Order Code	1+	5+	+	
15	302-764	24.06	302-806	346.47	296.23	--	
25	302-776	28.07	302-818	380.14	325.03	--	
37	302-788	31.96	302-820	432.55	369.83	--	
50	302-790	36.41	302-831	494.72	423.00	--	

Shielded/Jacketed Flat Cable

3M



- Polyvinyl Chloride (PVC) outer jacket, Expanded copper shield
- 0.050" 28 AWG 7x36 Tinned stranded copper conductors
- 360° expanded copper shielding provides 20 dB average shielding effectiveness
- Can be mass terminated to a broad line of IDC connectors
- **UL recognised (Style 20879)**

Wire gauge	28AWG stranded	Capacitance	41.7pF/m*
Temperature rating	-20 to 80°C	Inductance	0.62μH/m*
Voltage rating	<50V	Insulation resistance	>1 x 10 ¹⁰ Ω/10ft (3m)
Current rating	1A	Colour	Grey
Impedance	119Ω*		

* balanced, measured between conductors within a pair.

Mfrs. List No. 3517 + No. of Conductors

Continuous Length in 1m Multiples		Price Per m	30.5m Reel		Price Per Reel	
Conductors	Order Code		Order Code	1+	3+	
9	860-8563	18.0800	860-8105	659.6200	636.2205	
10	860-8571	21.5900	860-8113	667.7600	645.4274	
16	860-8580	23.3400	860-8121	670.3400	636.2205	
20	860-8598	24.2700	860-8130	676.4000	641.1420	
25	860-8601	30.3000	860-8148	791.2300	758.5229	
26	860-8610	30.3000	860-8156	798.1000	774.1580	
40	860-8636	45.6700	860-8180	1,110.2300	1,053.6490	
50	860-8644	49.7800	860-8199	1,133.8700	1,110.2300	
60	860-8652	73.8200	860-8202	1,670.5900	1,631.7150	
64	860-8660	77.0000	860-8210	1,690.7400	1,656.9250	

Jacketed Shielded 0.05" Pitch

SPECTRA-STRIP®



- UL listed, Grey PVC insulation with aluminium/poly shielding and two drain wires
- Coated in Black PVC
- Excellent crosstalk and electrical performance
- Highly flexible

Wire Gauge	28AWG 7/36AWG Tinned Copper	Current Rating	1A
Temperature Rating	105°C	Impedance	50Ω
Voltage Rating	150V	Capacitance	131pF/m
		Insulation Resistance	10 ¹⁰ Ω

Mfrs. List No. 151-2831-009 = 117-0268 151-2831-025 = 117-0270 151-2831-050 = 117-0273
151-2831-015 = 117-0269 151-2831-037 = 117-0271

230688

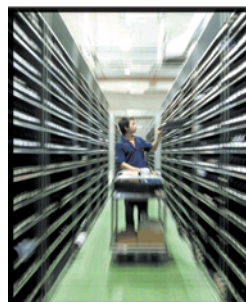
Continuous lengths in 1m Multiples		Price Per m	30.5m Reel		Price Per Reel		
Conductors	Order Code		Order Code	1+	5+	10+	
9	120-7486	20.59	117-0268	227.42	193.31	181.94	
15	120-7487	23.27	117-0269	256.47	218.00	205.18	
25	120-7488	27.45	117-0270	304.06	258.45	243.24	
37	120-7492	33.31	117-0271	367.71	312.55	294.17	
50	120-7493	39.00	117-0273	431.36	366.66	345.09	

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PROPOWER CABLES

Farnell-Newark InOne has rebranded our popular Multicomp range of cables to "Propower". There will be a transition phase to change over completely to the new brand but specifications for each product remains the same.

This is to enable us to continue to offer these products at competitive prices and pass on the benefits of our global purchasing power.

If you have purchased Multicomp cables in the past, these will now be branded ProPower. If you require technical clarifications please contact our technical support teams.



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