



The Copper Cable Company

Suppliers of high quality electric cable

TF
Kable

TELE-FONIKA Kable GROUP COMPANY



Copper Cable Company

Suppliers of high quality electric cable



Copper Cable Company's head office and warehouse is situated on a modern industrial park, just off Junction 22 of the M1 Motorway, at Coalville in Leicestershire.

Copper Cable Company are the UK marketing arm of TF Kable, the largest Polish cable manufacturing group. Our cables are manufactured using the most up-to-date technology. Modern production facilities are backed by a highly qualified work force and experienced engineers, ensuring that only cable of the highest quality leaves our factories.

Cables are manufactured strictly in accordance with the appropriate British Standard Specifications and to VDE, IEC, UTE, SEN, UL, CSA and BASEC standards and are approved by the relevant Classifications Institutions. Full traceability is maintained by strict adherence to quality policies compliant with ISO9001/2, whilst environmental policies are maintained by compliance with ISO14001.

With an annual turnover in excess of £200m, we are a major supplier to the UK electrical wholesale trade power utility sector and export markets. Our product range includes general building wires, data and telecommunications cables, industrial rubber cables, marine and defence application cables, overhead conductors together with power cable up to and including 420KV and we are able to test up to 700KV.

Our production back up guarantees a complete range of quality cables, supplied via our warehouse in Coalville. We are also able to arrange shipments directly from our factories where substantial back-up stocks are also held.

info@copper-cable.co.uk



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Other Cables not presented in this brochure are available upon request. Every care has been taken to ensure that the information contained in this brochure is correct. No legal responsibility can be accepted for any inaccuracy. The Company reserves the right to alter or modify the information contained herein at any time.

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Cable Approvals

The majority of cables detailed within this brochure are manufactured in accordance with British Standards. The approvals body, BASEC, applies a scheme of supervision and control to ensure that cables comply fully with the specified standards (see list below). As a guide to identify those cables for which we hold approvals the BASEC certification mark is clearly shown above the tables containing the technical information.



BRITISH STANDARDS APPLICABLE TO WIRING CABLES

BS 6004: 2000	PVC Insulated cables (non armoured) for power and lighting.
BS 7211: 1998	LSOH Insulated cables (non armoured) for power and lighting.
BS 5467: 1997	Armoured cables for electricity supply having thermosetting insulation.
BS 6724: 1997	Armoured cables for electricity supply having thermosetting insulation with low emission of smoke and corrosive gases when affected by fire.
BS 6141: 1991	PVC Heat resistant insulation and sheath.
BS 7629: 1997	FIRE resistant, BS 6387 CWZ.
BS 4553: 1998	PVC insulated single phase split concentric.
BS 6500: 2000	Insulated flexible cords and sheath.

In addition to the product approvals, Copper Cable Company factories are approved for quality systems ISO 9001: 2000. This has been gained for Assessed Quality Management through the BSI inspectorate who regularly monitor all stages of the production system from the time your order is taken until delivery. This guarantees the quality and service we pride ourselves on.



Copper Cable Company factories are approved to ISO 9001: 2000.

Schedule Numbers:-

- CSI - 171/001
- CSI - 171/002
- CSI - 171/003
- CSI - 171/004
- CSI - 171/005

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PVC Twin and Earth Cables

UK Reference: 6242YH, 6242LH

PVC Insulated, Solid or Stranded Copper Conductors
Voltage Rating: 300/500V
Manufactured to BS.6004/2000

UK Ref	Conductor Size mm ²	No. and Diameter of Wires No / mm	Pallet Quantities (approx) metres	Approximate Nett Weight per Kilometre kg
6242YH	1.0	1 / 1.13	15,000	66
6242YH	1.5	1 / 1.38	10,000	83
6242YH	2.5	1 / 1.78	8,000	122
6242YH	4.0	7 / 0.85	6,000	167
6242YH	6.0	7 / 1.04	4,500	223
6242YH	10.0	7 / 1.37	3,000	357
6242YH	16.0	7 / 1.70	2,000	517
6242YH	Twin Red Cores with Bare ECC			
6242YH	1.0	*1 / 1.13	12,500	66
6242YH	1.5	*1 / 1.38	10,000	83

Supplied on standard 100/50 metre cardboard drums.
*100 metre drums only.

LSOH also available



PVC Three Core and Earth Cables

UK Reference: 6243YH, 6243LH

PVC Insulated, Solid or Stranded Copper Conductors
Voltage Rating: 300/500V
Manufactured to BS.6004/2000

UK Ref	Conductor Size mm ²	No. and Diameter of Wires No / mm	Pallet Quantities (approx) metres	Approximate Nett Weight per Kilometre kg
6243YH	1.0	1 / 1.13	10,000	88
6243YH	1.5	1 / 1.38	8,000	114
6243YH	2.5	1 / 1.78	4,500	162

Supplied on standard 100/50 metre cardboard drums.

LSOH also available



PVC Single Core and Earth Cables

UK Reference: 6241YH, 6241LH

Manufactured to BS.6004/2000

UK Ref	Conductor Size mm ²	No. and Diameter of Wires No / mm	Pallet Quantities (approx) metres	Approximate Nett Weight per Kilometre kg
6241YH	1.0	1 / 1.13	10,000	43
6241YH	1.5	1 / 1.38	8,000	53

Core Colours; Brown or Blue.

LSOH also available

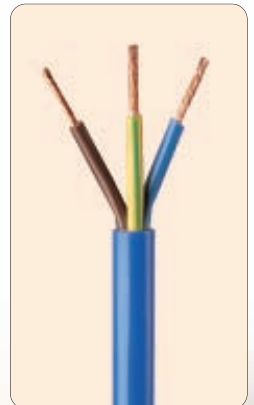


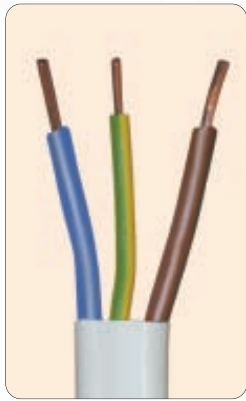
PVC Single-Arctic Grade

Reference: 3183Y AG

PVC Insulated and PVC Sheathed Flexible Copper Conductors
Voltage Rating: 300/500V
Sheath Colour: Yellow or Blue Dimensionally manufactured to BS.6500

UK Ref	Conductor Size mm ²	No. and Diameter of Wires No / mm	Colour	Approximate Nett Weight per Kilometre kg
7-Core 3187Y AG	0.75	24 / 0.20	Yellow	130
3-Core 3183Y AG	1.5	30 / 0.25	Yellow/Blue	97
3183Y AG	2.5	50 / 0.25	Yellow/Blue	147
3183Y AG	4.0	56 / 0.30	Yellow/Blue	206
3183Y AG	6.0	84 / 0.30	Yellow/Blue	275





PVC Twin Cable with Insulated Earth

PVC Insulated, Solid & Stranded Copper Conductors
Voltage Rating: 300/500V
Generally to BS 6004/2000

Reference: 6193YE

CCC Ref	Conductor Size mm ² + E	Approximate Nett Weight per Kilometre Kg
6193YE	2 x 1.5+1.0	92
6193YE	2 x 2.5+1.5	137
6193YE	2 x 4.0+1.5	180
6193YE	2 x 6.0+2.5	239



PVC Single Core Cables

PVC Insulated, Stranded Copper Conductors
Voltage Rating: 450/750V
Manufactured to BS 6004/2000
VDE Approval Harmonised

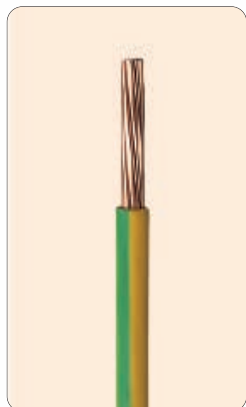
UK Reference: 6491X

UK Ref	Conductor Size mm ²	No. and Diameter of Wires No / mm	Harmonisation Code	Pallet Quantities (approx) metres	Approximate Nett Weight per Kilometre kg
6491X	1.5	7 / 0.53	H07V-R	20,000	21
6491X	2.5	7 / 0.67	H07V-R	20,000	33
6491X	4.0	7 / 0.85	H07V-R	20,000	48
6491X	6.0	7 / 1.04	H07V-R	15,000	66
6491X	10.0	7 / 1.35	H07V-R	9,000	110
6491X	16.0	7 / 1.70	H07V-R	6,000	166
6491X	25.0	7 / 2.14	H07V-R	3,000	261
6491X	35.0	7 / 2.52	H07V-R	2,400	372
6491X	50.0	19 / 1.78	H07V-R	1,200	477
6491X	70.0	19 / 2.14	H07V-R	900	677
6491X	95.0	19 / 2.52	H07V-R	900	980
6491X	120.0	37 / 2.03	H07V-R	800	1156
6491X	150.0	37 / 2.25	H07V-R	800	1430
6491X	185.0	37 / 2.52	H07V-R	600	1786
6491X	240.0	61 / 2.25	H07V-R	400	2322
6491X	300.0	61 / 2.52	H07V-R	300	2904



Colours: Brown, blue, grey, black, green/yellow

Supplied on standard 100 metre cardboard drums up to 4.0 mm²
Other sizes 50/100 metre drums where applicable.



XL-LSOH Single Core Cables Stranded

LSOH Insulated
Stranded Copper Conductors
Voltage Rating: 450/750V
Manufactured to BS.7211/1998

(Low Smoke & Zero Halogen) UK Reference: 6491B

UK Ref	Conductor Size mm ²	Approximate Nominal O.D. mm	Approximate Nett Weight per Kilometre kg
6491B	1.5	3.5	21
6491B	2.5	4.2	32
6491B	4.0	4.8	48
6491B	6.0	5.4	65
6491B	10.0	6.8	109
6491B	16.0	8.0	165
6491B	25.0	9.8	259
6491B	35.0	11.0	350
6491B	50.0	13.0	476
6491B	70.0	15.0	668
6491B	95.0	17.0	925
6491B	120.0	19.0	1151
6491B	150.0	21.0	1424
6491B	185.0	23.5	1778
6491B	240.0	26.5	2312
6491B	300.0	29.5	2892
6491B	400.0	33.5	3701



PVC Flexible Cables-Heavy Duty

UK References: 3182Y, 3183Y, 3184YH and 3185Y,

PVC Insulated, and PVC Sheathed, Flexible
Copper Conductors. Voltage Rating: 300/500V
Sheath Colours: Black or White
Manufactured to BS.6500/2000

UK Ref	Conductor Size mm ²	No. and Diameter of Wires No / mm	Harmonisation Code	Pallet Quantities (approx) metres	Approximate Nett Weight per Kilometre kg
2-Core					
3182Y	0.75	24 / 0.20	H05VV-F	12,500	51
3182Y	1.0	32 / 0.20	H05VV-F	10,000	57
3182Y	1.5	30 / 0.25	H05VV-F	8,000	79
3182Y	2.5	50 / 0.25	H05VV-F	7,500	122
3-Core					
3183Y	0.75	24 / 0.20	H05VV-F	10,000	61
3183Y	1.0	32 / 0.20	H05VV-F	8,000	69
3183Y	1.5	30 / 0.25	H05VV-F	7,500	99
3183Y	2.5	50 / 0.25	H05VV-F	6,000	153
4-Core					
3184YH	0.75	24 / 0.20	H05VV-F	7,500	
3184YH	1.0	32 / 0.20	H05VV-F	7,500	87
3184YH	1.5	30 / 0.25	H05VV-F	6,000	124
3184YH	2.5	50 / 0.25	H05VV-F	5,000	187
5-Core					
3185YH	0.75	24 / 0.20	H05VV-F	7,500	
3185YH	1.0	32 / 0.20	H05VV-F	6,000	107
3185YH	1.5	30 / 0.25	H05VV-F	5,000	156
3185YH	2.5	50 / 0.25	H05VV-F	4,000	236

Supplied on standard 100/50 metre cardboard drums.
Other colours and drum lengths available to order.

Core Colours:

2 Core Blue/Brown

3 Core Green/Yellow, Blue, Brown

4 Core Green/Yellow, Brown, Black, Grey

5 Core Green/Yellow, Blue, Brown, Black, Grey



PVC Flexible Cables-Light Duty

UK References: 2192Y, 2182Y, 2183Y

PVC Insulated, and PVC Sheathed, Flexible
Copper Conductors. Voltage Rating: 300/300V
Sheath Colours: Black or White
Manufactured to BS.6500/2000

UK Ref	Conductor Size mm ²	No. and Diameter of Wires No / mm	Harmonisation Code	Pallet Quantities (approx) metres	Approximate Nett Weight per Kilometre kg
Twin Flat					
2192Y	0.5	16 / 0.20	H03VVH2-F	17,500	26
2192Y	0.75	24 / 0.20	H03VVH2-F	17,500	32
Twin Round					
2182Y	0.5	16 / 0.20	H03VVH-F	15,000	34
2182Y	0.75	24 / 0.20	H03VVH-F	15,000	41
3-Core Round					
2183Y	0.5	16 / 0.20	H03VVH-F	12,500	40
2183Y	0.75	24 / 0.20	H03VVH-F	12,500	50

Supplied on standard 100/50 metre cardboard drums.
Other colours and drum lengths available to order.





Rubber Insulated Sheathed Flexible Cords

UK Reference: 3983, 3984H, 3985H

Voltage Rating: 450/750V
Sheath Colour: Black
Manufactured to BS 6500/2000
*Manufactured to BS 6007/2000

UK Ref	Conductor Size	Harmonisation Code	Number of Cores	Approximate Nett Weight per Kilometre kg
3983	1.5	H07RN-F3	3	146
3983	2.5	H07RN-F3	3	212
3983	* 4.0	H07RN-F3	3	299
3983	* 6.0	H07RN-F3	3	392
3984H	1.5	H07RN-F4	4	178
3984H	2.5	H07RN-F4	4	259
3984H	* 4.0	H07RN-F4	4	365
3984H	* 6.0	H07RN-F4	4	489
3984H	* 10.0	H07RN-F4	4	851
3984H	* 16.0	H07RN-F4	4	1189
3985H	1.5	H07RN-F5	5	218
3985H	2.5	H07RN-F5	5	317
3985H	* 4.0	H07RN-F5	5	457
3985H	* 6.0	H07RN-F5	5	610
3985H	* 10.0	H07RN-F5	5	1047
3985H	* 16.0	H07RN-F5	5	1465

25.0 sq and above in single and multicore are available to order.



Rubber Cables-TRS Type

UK Reference: 3183, 3184H

Rubber Insulated 60°C and Rubber Sheathed
Tinned Copper Conductors
Voltage Rating: 300/500V. Sheath Colour: Black
Manufactured to BS 6500/2000

UK Ref	Conductor Size mm ²	No. and Diameter of Wires No / mm	Harmonisation Code	Pallet Quantities (approx) metres	Approximate Nett Weight per Kilometre kg
3-Core					
3183	0.75	24 / 0.20	H05RR-F	8,000	65
3183	1.0	32 / 0.20	H05RR-F	7,500	73
3183	1.5	30 / 0.25	H05RR-F	5,000	112
3183	2.5	50 / 0.25	H05RR-F	3,000	165
4-Core					
3184H	0.75	24 / 0.20	H05RR-F	7,000	78
3184H	1.0	32 / 0.20	H05RR-F	6,000	89
3184H	1.5	30 / 0.25	H05RR-F	4,000	140
3184H	2.5	50 / 0.25	H05RR-F	2,500	206

Supplied on standard 100/50 metre cardboard drums.



Rubber Cables-TQ Type

UK Reference: 3183TQ, 3184TQH

Rubber Insulated 85°C and H.O.F.R. Sheathed
Tinned Copper Conductors
Voltage Rating: 300/500V. Sheath Colour: White
Manufactured to BS 6500/2000

UK Ref	Conductor Size mm ²	No. and Diameter of Wires No / mm	Pallet Quantities (approx) metres	Approximate Nett Weight per Kilometre kg
3-Core				
3183TQ	0.75	24 / 0.20	8,500	66
3183TQ	1.0	32 / 0.20	8,000	75
3183TQ	1.5	32 / 0.25	5,200	114
3183TQ	2.5	50 / 0.25	3,000	168
4-Core				
3184TQH	0.75	24 / 0.20	8,500	79
3184TQH	1.0	32 / 0.20	8,000	91
3184TQH	1.5	30 / 0.25	5,200	142
3184TQH	2.5	50 / 0.25	3,000	210

Supplied on standard 100/50 metre cardboard drums.

PVC Heat Resisting Cables

UK Reference: 2092Y, 2093Y, 3092Y, 3093Y, 3094YH, 3095YH

PVC Heat Resisting Insulated and PVC Heat Resisting Sheathed to 85° C. Flexible Copper Conductors
Voltage Ratings: *300/500V; 300/500V. Sheath Colour: White
Manufactured to BS.6500/2000

UK Ref	Conductor Size mm ²	No.and Diameter of Wires No / mm	Pallet Quantities (approx) metres	Approximate Nett Weight per Kilometre kg
2092Y	0.5	16 / 0.20	15,000	42
2092Y	0.75	24 / 0.20	12,500	50
3092Y	0.5	16 / 0.20	12,500	48
3092Y	0.75	24 / 0.20	10,000	57
3092Y	1.0	32 / 0.20	8,000	67
3092Y	1.5	32 / 0.25	7,500	84
3092Y	2.5	50 / 0.25	6,000	128
3093Y	0.5	16 / 0.20	12,500	53
3093Y	0.75	24 / 0.20	10,000	64
3093Y	1.0	32 / 0.20	8,000	76
3093Y	1.5	30 / 0.25	7,500	101
3093Y	2.5	50 / 0.25	6,000	155
3094YH	0.75	24 / 0.20	7,000	81
3095YH	0.75	24 / 0.20	7,000	98

Supplied on standard 100/50 metre cardboard drums.



PVC Single Core Cables

Double Insulated UK Reference: 6181Y

PVC Insulated and PVC Sheathed
Voltage Rating: 300/500V. Core Colours: Brown or Blue
Sheath Colour: Grey
Manufactured to BS.6004/2000

UK Ref	Conductor Size mm ²	No.and Diameter of Wires No / mm	Pallet Quantities (approx) metres	Approximate Nett Weight per Kilometre kg
6181Y	1.0	1 / 1.13	20,000	28
6181Y	1.5	1 / 1.38	15,000	36
6181Y	2.5	1 / 1.78	15,000	55
6181Y	10.0	7 / 1.35	2,000	155
6181Y	16.0	7 / 1.70	2,000	225
6181Y	25.0	7 / 2.14	1,500	340
6181Y	35.0	7 / 2.52	1,000	495



XLPE Single Core Cables

Double Insulated UK Reference: 6181XY, 6181B

XLPE Insulated and PVC Sheathed
Voltage Rating: 600/1000V
Outer Sheath: Black
Manufactured to BS.7889/1997

UK Ref	Conductor Size mm ²	No.and Diameter of Wires	Approximate Overall Diameter mm	Approximate Nett Weight per Kilometre kg
6181XY	50.0	19 / 1.78	14.7	560
6181XY	70.0	19 / 2.14	16.5	787
6181XY	95.0	19 / 2.52	19.0	1052
6181XY	120.0	37 / 2.03	20.6	1447
6181XY	150.0	37 / 2.25	22.7	1649
6181XY	185.0	37 / 2.32	25.2	2026
6181XY	240.0	61 / 2.25	28.2	2659
6181XY	300.0	61 / 2.25	31.4	3253
6181XY	400.0	61 / 2.85	35.0	4115
6181XY	500.0	61 / 3.20	38.8	5116
6181XY	630.0	127 / 2.52	42.9	6340

Supplied any length.

LSOH Also Available





Festoon Cable

UK Reference: 6192P

Available in stranded and multi-stranded PVC and Rubber with "specials" made to order.



PVC Telephone Cables

PVC Insulated and PVC Sheathed
Solid Tinned Copper Conductors
Sheath Colour: White
Manufactured to BT Specifications CW 1308

UK Ref	Quantity Pairs/Cores	No. and Diameter of Wires No / mm	Pallet Quantities (approx) metres	Approximate Nett Weight per Kilometre kg
CW1308	2 pair/Quad	1 / 0.50	21,000	17
CW1308	3 pair/6 core	1 / 0.50	18,000	32
CW1308	4 pair/8 core	1 / 0.50	15,000	41
CW1308	5 pair/10 core	1 / 0.50	12,000	43
CW1308	6 pair/12 core	1 / 0.50	10,000	61
CW1308	10 pair/20 core	1 / 0.50	10,000	83

Supplied on standard 100 metre cardboard drums.



TV Coaxial Cables

UK Type: Semi air spaced, low loss, 75 ohm
Single Solid Copper Conductor, cellular polythene
Copper wire braided screening, PVC sheathed

UK Ref	Colour	Conductor Size mm ²	No. and Diameter of wires No / mm	Pallet Quantities (approx) metres	Approximate Nett Weight per Kilometre kg
TV	Brown	1.0	1 / 1.0	15,000	63
TV	White	1.0	1 / 1.0	15,000	63

Supplied on standard 100 metre cardboard drums.



PVC Low Voltage Cables

PVC Insulated Solid Copper Wire

UK Ref	No. and Diameter of wires	Pallet Quantities (approx) metres	Approximate Nett Weight per Kilometre kg	
Bellwire	1 / 1.85	50,000	17	17 Voltage rating up to 50A.C.
Figure 8/Speaker	7 / 0.20	85,000	15	17 Voltage rating up to 60A.C.
Figure 8/Speaker	13 / 0.20	75,000	19	

Supplied on standard 100 metre cardboard drums.

Intruder Alarm Cables

Manufactured to: BS 4737

Tinned Copper Conductors
PVC Insulated
PVC Sheathed (Tubed)

UK Ref	Nominal Cross Sectional Area mm ²	No. and Diameter of Wires No / mm	No. of Cores	Nominal Diameter of Cable mm	Pallet Quantities (approx) metres	Approximate Nett Weight per Kilometre kg
ALC4	0.22	7 / 0.20	4	3.4	20,000	18
ALC6	0.22	7 / 0.20	6	4.0	18,000	26
ALC8	0.22	7 / 0.20	8	4.4	15,000	32
ALC12	0.22	7 / 0.20	12	5.5	15,000	50



CAT5E UTP

UK Ref	No Pairs Size	Core Size mm ²	Nominal Overall Diameter of Cable mm	Approximate Nett Weight per Kilometre kg
CAT5E UTP	4	0.51	4.90	32

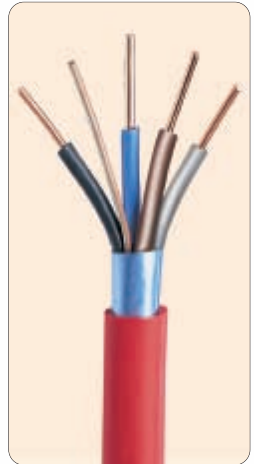
LSOH also available.



Flame-X 950

Copper Conductor, Cross-linked, silicon. aluminium, polytape, OHLS Sheath, temperature rating 950°
Fire Performance, BS No. BS 7629 Type B and BS 6387 Cat C,W and Z
Add info: Tinned Copper uninsulated earth conductor
Enhanced version BS 5839 part 1 available

CCC Ref	No. of Cores	Core Size mm ²	Nominal O.D mm	Approximate Nett Weight per Kilometre kg
Flam2E	2+E	1.00	7.1	66
		1.50	8.0	87
		2.50	9.3	127
Flam3E	3+E	1.00	7.5	81
		1.50	8.4	108
		2.50	9.9	159
Flam4E	4+E	1.00	8.1	97
		1.50	9.4	132
		2.50	11.3	198





XLPE Steel Wire Armoured Cables

UK Reference: 6942X, 6943X, 6944X

XLPE Insulated, PVC Bedded, Galvanised Steel Wire Armoured
PVC Sheathed Overall. Copper Conductors, Solid or Stranded
Voltage Rating: 600/1000V. Sheath Colour: Black
Manufactured to BS.5467/1997

UK Ref	Conductor Size mm ²	No. and Diameter of Wires No / mm	Nominal Overall Diameter mm	Approximate Nett Weight per Kilometre kg
6942XH	1.5	1 / 1.38	10.3	237
6942XH	1.5	7 / 0.53	10.7	255
6942XH	2.5	1 / 1.78	11.7	300
6942XH	2.5	7 / 0.67	12.2	322
6942XH	4.0	7 / 0.85	13.2	384
6942XH	6.0	7 / 1.04	13.9	448
6942XH	10.0	7 / 1.35	16.0	599
6942XH	16.0	7 / 1.70	18.7	898
6943XH	1.5	1 / 1.38	10.7	263
6943XH	1.5	7 / 0.53	11.1	276
6943XH	2.5	1 / 1.78	12.2	336
6943XH	2.5	7 / 0.67	12.7	358
6943XH	4.0	7 / 0.85	13.8	433
6943XH	6.0	7 / 1.04	14.6	513
6943XH	10.0	7 / 1.35	17.5	803
6943XH	16.0	7 / 1.70	19.9	1075
6944XH	1.5	1 / 1.38	11.4	295
6944XH	1.5	7 / 0.53	11.9	315
6944XH	2.5	1 / 1.78	13.0	384
6944XH	2.5	7 / 0.67	13.6	408
6944XH	4.0	7 / 0.85	14.8	504
6944XH	6.0	7 / 1.04	16.6	707
6944XH	10.0	7 / 1.35	18.8	939
6944XH	16.0	7 / 1.70	21.5	1269

Irish Core Colours available from stock
2 Core Brown, Blue
3 Core Brown, Black, Grey
4 Core Brown, Blue, Black, Grey



XLPE Steel Wire Armoured Cables

UK Reference: 6945XH, 6947XB, 6940/12X, 6940/19X, 6940/22X, 6940/27X, 6940/37X, 6940/48X

Stranded Copper Conductor, XLPE Insulated
PVC Bedded, Steel Wire Armoured and PVC Sheathed
White Cores Numbered in Black
Manufactured to BS.5467/1997

UK Ref	Conductor Size mm ²	No. and Diameter of Wires No / mm	Nominal Overall Diameter mm	Approximate Nett Weight per Kilometre kg
6945XH	1.5 STR	7 / 0.53	13.0	370
6945XH	2.5 STR	7 / 0.67	14.7	478
6945XH	4.0 STR	7 / 0.85	16.4	607
6945XH	6.0 STR	7 / 1.04	18.0	824
6945XH	10.0 STR	7 / 1.53	20.7	1136
6945XH	16.0 STR	7 / 1.70	24.7	1709
6947XB	1.5 STR	7 / 0.53	14.1	411
6947XB	2.5 STR	7 / 0.67	16.7	537
6947XB	4.0 STR	7 / 0.85	18.4	789
6947XB	6.0 STR	7 / 1.04	19.7	939
6940/12X	1.5 STR	7 / 0.53	18.2	701
6940/12X	2.5 STR	7 / 0.67	21.0	919
6940/19X	1.5 STR	7 / 0.53	20.7	913
6940/19X	2.5 STR	7 / 0.67	25.1	1405
6940/22X	1.5 STR	7 / 0.53	23.9	1214
6940/27X	1.5 STR	7 / 0.53	25.2	1348
6940/27X	2.5 STR	7 / 0.67	29.3	1816
6940/37X	1.5 STR	7 / 0.53	27.5	1628
6940/37X	2.5 STR	7 / 0.67	32.1	2208
6940/48X	1.5 STR	7 / 0.53	30.9	1968
6940/48X	2.5 STR	7 / 0.67	37.6	3031

XLPE Steel Wire Armoured Cables

UK References: 6942X, 6943X, 6944X

Shaped Stranded Copper Conductors
Insulated with XLPE Compound, Cores laid up
PVC Bedded Galvanised Steel Wire Armoured and PVC Sheathed
Manufactured to BS.5467/1999



UK Ref	Conductor Size mm ²	Nominal Overall Diameter mm	Approximate Nett Weight per Kilometre kg
6942XH	25.0	22.9	1264
6942XH	35.0	26.3	1758
6942XH	50.0	27.8	1890
6942XH	70.0	30.4	2450
6942XH	95.0	35.5	3300
6942XH	120.0	36.1	4020
6942XH	150.0	39.3	4750
6942XH	185.0	44.7	6180
6942XH	240.0	49.0	7570
6942XH	300.0	53.5	9180
6943XH	25.0	23.4	1707
6943XH	35.0	25.3	1854
6943XH	50.0	27.7	2311
6943XH	70.0	31.5	3064
6943XH	95.0	36.0	4211
6943XH	120.0	39.0	5078
6943XH	150.0	44.4	6498
6943XH	185.0	48.4	7812
6943XH	240.0	53.3	9757
6943XH	300.0	60.2	12600
6944XH	25.0	27.5	2030
6944XH	35.0	27.9	2296
6944XH	50.0	30.9	2906
6944XH	70.0	36.6	4168
6944XH	95.0	40.2	5344
6944XH	120.0	45.5	6914
6944XH	150.0	49.6	8244
6944XH	185.0	54.2	9988
6944XH	240.0	60.1	12498
6944XH	300.0	68.8	15130
6944XH	400.0	78.1	19800

PVC Insulated Steel Wire Armoured Cables to EATS 09.6 Issue 6 1981

Conductor Size	No. and Diameter mm	Nominal Overall Diameter mm	Approximate Nett Weight per Kilometre kg
2 Core 2.5 mm ²	7 / 0.67	14.4	350
3 Core 2.5 mm ²	7 / 0.67	14.9	400
4 Core 2.5 mm ²	7 / 0.67	15.8	450
7 Core 2.5 mm ²	7 / 0.67	18.6	700
12 Core 2.5 mm ²	7 / 0.67	22.7	1000
19 Core 2.5 mm ²	7 / 0.67	26.8	1550





XLPE LSOH Steel Wire Armoured Cables (Low Smoke)

Plain Annealed Copper, XLPE Insulation
LSOH Bedding, Galvanised Steel Wire Armour
LSOH Sheath
600/1000V Manufactured to BS. 6724/1997

UK Ref	Conductor Size mm ²	No of Cores	Approximate Nominal O.D mm	Approximate Nett Weight per Kilometre kg
6942LH	25.0	2	24.1	1250
6942LH	35.0	2	25.3	1720
6942LH	50.0	2	27.9	1800
6942LH	70.0	2	28.1	2330
6942LH	95.0	2	31.9	3170
6942LH	120.0	2	35.1	3810
6942LH	150.0	2	38.2	4530
6942LH	185.0	2	43.3	5860
6942LH	240.0	2	48.3	7300
6942LH	300.0	2	52.6	8790
6943LH	25.0	3	25.7	1729
6943LH	35.0	3	26.3	1868
6943LH	50.0	3	27.8	2329
6943LH	70.0	3	31.4	3062
6943LH	95.0	3	35.9	4233
6943LH	120.0	3	39.0	5076
6943LH	150.0	3	44.4	6534
6943LH	185.0	3	48.3	7850
6943LH	240.0	3	53.0	9758
6943LH	300.0	3	58.3	11685
6944LH	25.0	4	27.7	2053
6944LH	35.0	4	27.9	2311
6944LH	50.0	4	31.0	2911
6944LH	70.0	4	36.1	4135
6944LH	95.0	4	40.2	5345
6944LH	120.0	4	45.0	6873
6944LH	150.0	4	49.5	8244
6944LH	185.0	4	54.1	9941
6944LH	240.0	4	59.7	12424
6944LH	300.0	4	65.1	14774



XLPE LSOH Steel Wire Armoured Cables (Low Smoke)

Plain Annealed Copper, XLPE Insulation
LSOH Bedding, Galvanised Steel Wire Armour
LSOH Sheath
600/1000V Manufactured to BS. 6724/1997

UK Ref	Conductor Size mm ²	No. and Diameter of wires No / mm	Approximate Nominal O.D mm	Approximate Nett Weight per Kilometre kg
6942XLH	1.5	1 / 1.38	10.5	245
6942XLH	1.5	7 / 0.53	10.9	257
6942XLH	2.5	1 / 1.78	11.9	309
6942XLH	2.5	7 / 0.67	12.4	330
6942XLH	4.0	7 / 0.85	13.4	392
6942XLH	6.0	7 / 1.04	14.1	450
6942XLH	10.0	7 / 1.35	16.2	605
6942XLH	16.0	7 / 1.70	18.9	908
6943XLH	1.5	1 / 1.38	10.9	262
6943XLH	1.5	7 / 0.53	11.3	285
6943XLH	2.5	1 / 1.78	12.4	346
6943XLH	2.5	7 / 0.67	12.9	362
6943XLH	4.0	7 / 0.85	14.0	442
6943XLH	6.0	7 / 1.04	14.8	522
6943XLH	10.0	7 / 1.35	17.7	816
6943XLH	16.0	7 / 1.70	20.1	1078
6944XLH	1.5	1 / 1.38	11.6	305
6944XLH	1.5	7 / 0.53	12.1	319
6944XLH	2.5	1 / 1.78	13.2	389
6944XLH	2.5	7 / 0.67	13.8	412
6944XLH	4.0	7 / 0.85	15.0	513
6944XLH	6.0	7 / 1.04	16.8	708
6944XLH	10.0	7 / 1.35	19.0	953
6944XLH	16.0	7 / 1.70	21.7	1282

XLPE/LSOH Steel Wire Armoured Cables (Low Smoke)

Plain Annealed Copper, XLPE Insulation
LSOH Bedding, Galvanised Steel Wire Armour
LSOH Sheath
600/1000V Manufactured to BS. 6724

UK Ref	Conductor Size mm ²	No. and Diameter of wires No / mm	Approximate Nominal O.D mm	Approximate Nett Weight per Kilometre kg
6945LH	4.0	7 / 0.85	16.4	600
6945LH	6.0	7 / 1.04	18.0	816
6947LH	1.5	7 / 0.53	14.1	411
6947LH	2.5	7 / 0.67	16.0	536
6947LH	4.0	7 / 0.85	18.4	788
6947LH	6.0	7 / 1.04	19.7	958
6940/12LH	1.5	7 / 0.53	18.2	700
6940/12LH	2.5	7 / 0.67	21.0	919
6940/19LH	1.5	7 / 0.53	20.7	912
6940/19LH	2.5	7 / 0.67	25.1	1403
6940/27LH	1.5	7 / 0.53	25.2	1346
6940/27LH	2.5	7 / 0.67	29.3	1814
6940/37LH	1.5	7 / 0.53	27.5	1626
6940/37LH	2.5	7 / 0.67	32.1	2206

Auxiliary Cables (ESI) available from stock



NYY-J 600/1000V

PVC Insulated. Tough PVC outer Sheath
Voltage Rating: 600/1000V. VDE 0276

UK Ref	Conductor Size mm ²	No of Cores	Strands	Approximate Nett Weight per Kilometre kg
NYJ-J	1.5	3	Solid	184
NYJ-J	2.5	3	Solid	228
NYJ-J	4.0	3	Solid	319
NYJ-J	6.0	3	Stranded	431
NYJ-J	10.0	3	Stranded	580
NYJ-J	16.0	3	Stranded	805
NYJ-J	1.5	4	Solid	212
NYJ-J	2.5	4	Solid	268
NYJ-J	4.0	4	Solid	380
NYJ-J	6.0	4	Stranded	517
NYJ-J	10.0	4	Stranded	706
NYJ-J	16.0	4	Stranded	991



Split Concentric Cable

Stranded Copper Central Conductor
PVC Insulation = BS. 7870-3.20 or XLPE Insulation = BS.7870-3.21
Concentric layer of bare Copper Earth Continuity wires separated from black PVC covered Neutral wires, PVC strings, PVC Sheathed overall 600/1000V

Conductor Size mm ²	Approximate Nominal O.D mm	Approximate Nett Weight per Kilometre kg
4.0	9.7	194
6.0	10.8	273
10.0	12.2	380
16.0	14.4	582
25.0	16.0	596
35.0	18.5	789



Straight Concentric also available from stock.



XLPE Insulated Cable, C.T.S. 6350/11000V

Stranded Copper Conductors, XLPE Insulation
Copper Tape screen, PVC Bedding, Galvanised Steel Wire Armour
PVC Sheath, Colour Red
6350/11000V Manufactured to BS.6622/1999 IEC 60502

Conductor Size mm ²	No. and Diameter mm	Nominal Overall Diameter mm	Approximate Nett Weight per Kilometre kg
50	3	54.1	6135
70	3	57.7	7065
95	3	61.9	8359
120	3	65.6	9530
150	3	68.6	10662
185	3	73.0	12154
240	3	80.4	15441
300	3	85.9	17882



Paper Insulated 6350/11000V Cable

Stranded Copper Conductors, Paper Insulated
Belted, Lead Alloy Sheathed
Galvanised Steel Wire Armour, PVC Sheath, Colour Red Manufactured to
6350/11000V Manufactured to BS.6480/1988 M.I.N.D.

Conductor Size mm ²	No of Cores	Approximate Nominal O.D mm	Approximate Nett Weight per Kilometre kg
25.0	3	43.6	5390
35.0	3	46.5	5760
50.0	3	47.9	6563
70.0	3	50.5	7745
95.0	3	54.9	9500
120.0	3	57.0	10225
150.0	3	60.3	11700
185.0	3	64.0	13504
240.0	3	71.8	17135
300.0	3	74.7	18458



XLPE / PVC / AWA / PVC-Stranded

Stranded Copper Conductors
XLPE Insulated, Extruded Bedded, AWA, PVC Sheathed
600/1000V, Manufactured to BS. 5467/1999

Conductor Size mm ²	Approximate Nominal O.D mm	Approximate Nett Weight per Kilometre kg
50.0	16.3	643
70.0	18.5	898
95.0	20.7	1180
120.0	22.3	1431
150.0	25.6	1820
185.0	27.7	2217
240.0	30.4	2785
300.0	32.6	3400
400.0	38.0	4459
500.0	40.9	5561
630.0	45.7	6966

LSOH available to order.

Flexible Control Cable 300/500V

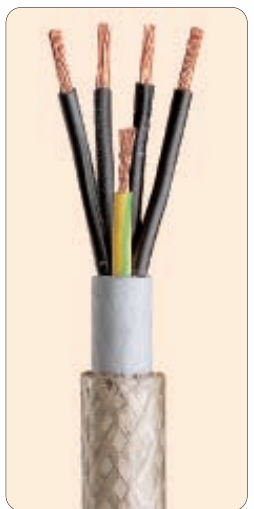
Type YY-JZ

Type SY-JZ

No. of Cores including a green/yellow earth Conductor	Nominal C.S.A mm ²	No. and Diameter of Wires No / mm	Nominal Overall Diameter mm	Approximate Nett Weight per Kilometre kg	Overall Diameter mm	Approximate Nett Weight per Kilometre kg
3	0.75	24 / 0.2	6.1	55	8.5	117
4	0.75	24 / 0.2	6.7	67	9.2	133
5	0.75	24 / 0.2	7.3	82	9.8	165
6	0.75	24 / 0.2	8.3	104	10.5	181
7	0.75	24 / 0.2	8.8	108	10.7	186
12	0.75	24 / 0.2	11.1	181	13.1	273
18	0.75	24 / 0.2	12.9	256	15.7	388
25	0.75	24 / 0.2	15.3	339	17.9	486
3	1.0	32 / 0.2	6.3	63	9.3	136
4	1.0	32 / 0.2	6.9	77	9.9	168
5	1.0	32 / 0.2	7.5	94	10.6	188
6	1.0	32 / 0.2	8.6	120	11.3	210
7	1.0	32 / 0.2	9.9	126	11.5	215
12	1.0	32 / 0.2	11.5	211	14.5	344
18	1.0	32 / 0.2	13.4	300	16.5	444
25	1.0	32 / 0.2	15.9	399	20.1	617
3	1.5	30 / 0.25	7.0	82	10.2	176
4	1.5	30 / 0.25	8.0	107	11.1	202
5	1.5	30 / 0.25	8.8	132	12.4	243
6	1.5	30 / 0.25	9.5	156	13.3	288
7	1.5	30 / 0.25	9.8	165	13.5	297
12	1.5	30 / 0.25	12.8	278	16.4	433
18	1.5	30 / 0.25	14.9	398	19.5	613
25	1.5	30 / 0.25	18.6	563	23.0	818
3	2.5	50 / 0.25	9.3	141	12.8	267
4	2.5	50 / 0.25	10.6	181	14.1	314
5	2.5	50 / 0.25	11.5	223	15.1	359
6	2.5	50 / 0.25	12.5	265	16.1	421
7	2.5	50 / 0.25	12.9	279	16.3	435
12	2.5	50 / 0.25	16.4	454	20.4	657
18	2.5	50 / 0.25	20.1	691	23.3	905
25	2.5	50 / 0.25	24.4	943	28.2	1227
3	4.0	56 / 0.3	11.1	210	14.3	333
4	4.0	56 / 0.3	12.2	258	15.3	401
5	4.0	56 / 0.3	13.3	219	16.9	478
3	6.0	84 / 0.3	12.4	279	16.3	447
4	6.0	84 / 0.3	13.6	347	17.9	534
5	6.0	84 / 0.3	14.9	430	19.9	663



Flexible Stranded Bare Copper Conductors, PVC Insulated Grey PVC Outer Sheath, Black numbered Cores with Green/Yellow Earth Core VDE 0250/0281



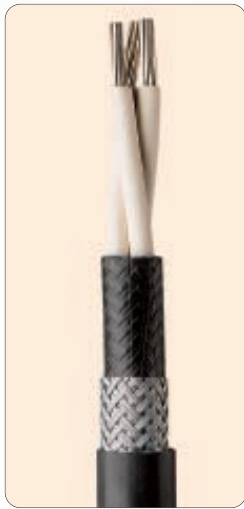
Flexible Stranded Bare Copper Conductors, PVC Insulation, PVC Bedding Galvanised Steel Wire Braid, Black numbered Cores with Green/Yellow Earth Core VDE 0250/0281

Shipwiring Instrumentation Cable Braided

Class 2 or Class 5 Tinned Copper Conductor/EPR Insulation/Collective or Individual Aluminium Mylar Tape Screen/EVA ZH Bedding/Galvanised Steel Wire Braid/EVA ZH Overall Sheath, Black, Grey or Blue 150/250V. Manufactured in accordance with BS.6883 Type: SW 4/IEC 60332.

0.75mm² x1 Pair/1 Triple/ 2 Pair/ 5 Pair/ 10 Pair/ 20 Pair
 1.0 mm² x1 Pair/1 Triple/ 2 Pair/ 5 Pair/ 10 Pair/ 20 Pair
 1.75mm² x1 Pair/1 Triple/ 2 Pair/ 5 Pair/ 10 Pair/ 20 Pair





Shipwiring Cables Braided

Stranded Tinned Copper Conductor, EPR Insulation
EVA Bedding, Galvanised Steel Wire Braid
EVA Overall Sheath: 600/1000V
BS.6883 Type: SW4

CORE-ID: Black Nos. on White EPR Insulation

UK Ref	No. of Cores mm ²	Conductor Size mm	Approximate Nominal O.D mm	Approximate Nett Weight per Kilometre kg
6582ZH	2	1.5*	12.5	242
6582ZH	2	2.5	13.4	278
6582ZH	2	4.0	15.6	381
6582ZH	2	6.0	16.9	468
6582ZH	2	10.0	19.0	601
6582ZH	2	16.0	21.7	837
6582ZH	2	25.0	25.7	1193
6582ZH	2	35.0	28.5	1526
6583ZH	3	1.5*	13.0	265
6583ZH	3	2.5	14.1	317
6583ZH	3	4.0	16.3	432
6583ZH	3	6.0	17.7	539
6583ZH	3	10.0	20.1	733
6583ZH	3	16.0	23.0	1015
6583ZH	3	25.0	27.5	1497
6583ZH	3	35.0	31.2	2032
6584ZH	4	1.5*	14.0	302
6584ZH	4	2.5	15.1	374
6584ZH	4	4.0	17.7	519
6584ZH	4	6.0	19.4	657
6584ZH	4	10.0	22.1	899
6584ZH	4	16.0	25.3	1259
6584ZH	4	25.0	30.9	1957
6584ZH	4	35.0	34.2	2475

*Standard allows Class 2 or Class 5 conductors.



Shipwiring Cables Un-Braided

Stranded Tinned Copper Conductor, EPR Insulation
EVA Overall Sheath: 600/1000V
BS.6883 Type: SW4

CORE-ID: Black Nos. on White EPR Insulation

UK Ref	No. of Cores mm ²	Conductor Size mm	Approximate Nominal O.D mm	Approximate Nett Weight per Kilometre kg
6572ZH	2	1.5*	8.7	105
6572ZH	2	2.5	9.5	137
6572ZH	2	4.0	11.6	206
6572ZH	2	6.0	12.7	265
6572ZH	2	10.0	14.7	384
6572ZH	2	16.0	17.2	565
6572ZH	2	25.0	20.8	851
6572ZH	2	35.0	23.4	1128
6573ZH	3	1.5*	9.1	126
6573ZH	3	2.5	10.1	166
6573ZH	3	4.0	12.3	253
6573ZH	3	6.0	13.5	330
6573ZH	3	10.0	15.6	487
6573ZH	3	16.0	18.3	725
6573ZH	3	25.0	22.4	1108
6573ZH	3	35.0	25.4	1497
6574ZH	4	1.5*	10.0	152
6574ZH	4	2.5	11.0	203
6574ZH	4	4.0	13.4	311
6574ZH	4	6.0	15.0	415
6574ZH	4	10.0	17.4	615
6574ZH	4	16.0	20.4	920
6574ZH	4	25.0	24.9	1407
6574ZH	4	35.0	28.0	1882

*Standard allows Class 2 or Class 5 conductors.

6571ZH available in both black and green/yellow sheath.

Coaxial Cables

These types of cable have now become one of the prime media for data transmission in today's sophisticated computer environment. Major manufacturers of computers incorporate RG type coaxial as standard, because of its screening suitability for both Ring and Bus Networks



Ref No	Inner Conductor		Dialectric		Outer Conductor		Sheath	
	Strand mm	Material	Diameter mm	Material	Type	Diameter mm	Diameter mm	Material
RG Types								
RG58C/U	19 / 0.18	TCW	2.95	PE	1 x TCW	3.58	4.95	PVC
RG174A/U	7 / 0.16	CCSW	1.52	PE	1 x TCW	1.98	2.54	PVC
RG213/U	7 / 0.75	PCW	7.24	PE	1 x PCW	8.15	10.3	PVC
RG114A/U	7 / 0.40	TCW	7.24	PE	1 x PCW	8.15	10.3	PVC
RG59B/U	1 / 0.58	CCSW	3.71	PE	1 x PCW	4.39	6.2	PVC
RG62A/U	1 / 0.64	CCSW	3.71	SASPE	1 x PCW	4.39	6.2	PVC
URM Types								
URM43	1 / 0.90	PCW	2.95	PE	1 x PCW	3.63	5.0	PVC
URM70	7 / 0.19	PCW	3.25	PE	1 x PCW	3.93	5.8	PVC
URM76	7 / 0.32	PCW	2.95	PE	1 x PCW	3.63	5.0	PVC
2000 Series to British Telecom Spec CW1229								
2001	7 / 0.20	PCW	2.45	CPE	1 x PCW	3.13	4.4	PVC
2002	7 / 0.20	PCW	2.45	CPE	2 x PCW	3.81	5.1	PVC
2003	7 / 0.61	PCW	3.70	PE	2 x PCW	5.06	6.7	PVC

638* TQ Rubber Trailing Cable

Tinned Cu/EPR/CSP Black Sheath
BS No BS7919/2001
Add info: 85c Rubber Insul-HOFR Sheath



CCC Ref	No. of Cores	Core Size mm ²	No strands / Strand size	Nominal O.D MM	Approximate Nett Weight per Kilometre kg
6381TQ	1	4.00	56 / 0.30	9.00	99
		6.00	84 / 0.30	11.00	140
		10.00	80 / 0.40	12.50	200
		16.00	126 / 0.40	14.50	280
		25.00	196 / 0.40	16.50	400
		35.00	276 / 0.40	18.50	560
		50.00	396 / 0.40	21.00	750
		70.00	360 / 0.50	23.50	950
		95.00	475 / 0.50	26.00	1300
		120.0	608 / 0.50	28.50	1600
6382TQ	2	4.00	56 / 0.30	15.00	262
		6.00	84 / 0.30	18.50	360
		10.00	80 / 0.40	24.00	550
		16.00	126 / 0.40	27.50	750
		25.00	196 / 0.40	31.50	1150
		4.00	56 / 0.30	16.00	300
		6.00	84 / 0.30	20.00	440
		10.00	80 / 0.40	28.00	900
6383TQ	3	16.00	126 / 0.40	29.50	950
		25.00	196 / 0.40	34.00	1400
		4.00	56 / 0.30	18.00	390
		6.00	84 / 0.30	22.00	550
6384TQH	4	10.00	80 / 0.40	30.50	1086
		16.00	126 / 0.40	35.50	1508
		25.00	196 / 0.40	41.50	2350



Track Cable for D.C. Electrified Lines to RT/E/S/21101 Al /CSP & Cu /CSP

Conductor mm ²	Conductor Material	Conductor Stranding mm	Nominal O.D MM	NR Catalogue Number
1000	Al	127 / 3.20	53.0	6/116610
800	Al	127 / 2.85	48.5	6/132991
500	Al	61 / 3.20	40.2	6/132840
240	Al	61 / 2.25	28.3	6/132990
161	Cu	91 / 1.53	24.8	6/132340
150	Al	37 / 2.25	19.4	6/116601



0361TQ Welding Cable

Tinned Cu/EPR/CSP, Sheath Orange or Black
BS No. BS638 Pt 4 1996 Section 3
Add Info: HOFR sheath. 85°

CCC Ref	No. of Cores	Core Size mm ²	No strands/ Strand Size	Nominal O.D MM	Approximate Nett Weight per Kilometre kg
0361TQ	1	16.0	513 / 0.20	11.50	230
		25.0	783 / 0.20	13.00	315
		35.0	1107 / 0.20	14.50	410
		50.0	1566 / 0.20	17.00	580
		70.0	2214 / 0.20	19.50	800
		95.0	2997 / 0.20	22.00	1050
		120.0	608 / 0.50	24.00	1400



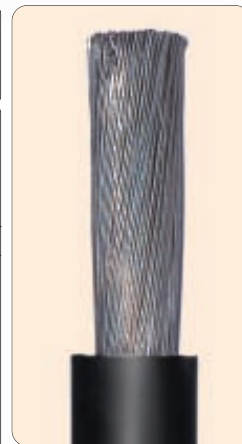
Coil End Lead BS6195 Type 4 Voltage Category-C 600/1000V

Tinned Cu/EPR/CSP Black Sheath
BS No. BS6195 TYPE 4C
Add info: HOFR Sheath

CCC Ref	No. of Cores	Core Size mm ²	No strands/ Strand Size	Nominal O.D MM	Approximate Nett Weight per Kilometre kg
BS6195	1	6.00	84 / 0.30	7.50	93
		10.00	80 / 0.40	8.50	136
		16.00	126 / 0.40	9.60	206
		25.00	196 / 0.40	11.40	300
		35.00	276 / 0.40	12.80	406
		50.00	396 / 0.40	14.80	573
		70.00	360 / 0.50	17.20	793
		95.00	457 / 0.50	19.70	1028
		120.00	608 / 0.50	21.90	1285
		150.00	756 / 0.50	24.10	1562
		185.00	925 / 0.50	26.30	1914
240.00	1221 / 0.50	29.30	2431		

Coil End Lead BS6195 Type 4*

Tinned Cu/EPR/CSP Black Sheath
 BS No. BS6195 TYPE 4
 Add info: HOFR Sheath



Core Size mm ²	Stranding	Maximum Overall Diameter Voltage Category			
		*A mm	*D mm	*E mm	*F mm
1.0	32 / 0.20	3.7			
1.5	30 / 0.25	4.0			
2.5	50 / 0.25	4.6			
4.00	56 / 0.30	5.4			
6.00	84 / 0.30	6.5			
10.00	80 / 0.40	7.9			
16.00	126 / 0.40		12.4	17.2	22.9
25.00	196 / 0.40		13.8	18.6	24.1
35.00	276 / 0.40		15.2	20.0	25.5
50.00	396 / 0.40		17.1	22.1	27.3
70.00	360 / 0.50		19.2	24.2	29.4
95.00	475 / 0.50		22.0	26.3	31.5
120.00	608 / 0.50		23.5	27.8	33.3
150.00	756 / 0.50		25.5	29.8	35.3
185.00	925 / 0.50		27.5	32.1	37.3
240.00	1221 / 0.50		30.5	35.1	40.3
300.00	1525 / 0.50				
400.00	2013 / 0.50				

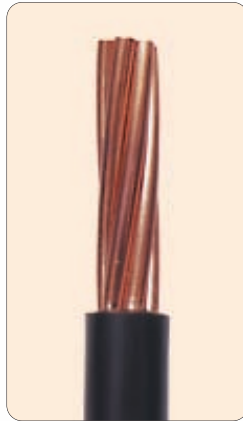
Voltage Category: A=300/500V, D=1900/3300V,
 E=3800/6600V, F=6350/11000V,



Aerial Bundled Conductor

AL / XLPE Black Sheath
BS No. BS7870 - EATS 43-13
Maximal Voltage 1000V

CCC Ref	No. of Cores	Core Size mm ²	No strands	Nominal O.D MM	Approximate Nett Weight per Kilometre kg
ABC 2	2	35.0	7	21.90	260
		50.0	19	24.70	350
		70.0	19	28.10	480
		95.0	19	32.70	650
ABC 4	4	35.0	7	26.20	520
		50.0	19	29.60	700
		70.0	19	33.70	960
		95.0	19	39.30	1300
		120.0	19	44.20	1560



Type 8 Overhead Conductor

CU / PVC / Sheath Black
BS No. BS 6485
Add info: PVC covered overhead conductor

CCC Ref	Core Size mm ²	No strands/ Strand Size	Nominal O.D mm	Approximate Nett Weight per Kilometre kg
Type 8	14.0	7 / 1.60	6.8	160
	16.0	3 / 2.65	7.7	180
	16.0	7 / 1.70	6.7	166
	70.0	7 / 3.55	13.5	690
	25.0	7 / 2.14	8.02	253
	32.0	3 / 3.75	10.5	350
	32.0	7 / 2.46	8.98	334
	35.0	7 / 2.50	9.9	360
	50.0	7 / 3.00	10.6	485
	100.0	7 / 4.30	15.7	990



Type 16 Overhead Conductors

CU / PVC Green Sheath
BS No. BS 6485
Add info: PVC covered overhead conductor

CCC Ref	Core Size mm ²	No strands/ Strand Size	Nominal O.D mm	Approximate Nett Weight per Kilometre kg
Type 16	14.0	7 / 1.60	8.4	190
	16.0	3 / 2.65	9.3	220
	16.0	7 / 1.70	8.3	195
	25.0	7 / 2.14	9.6	286
	32.0	3 / 3.75	12.1	390
	32.0	7 / 2.46	10.6	371
	35.0	7 / 2.50	11.5	400
	50.0	7 / 3.00	12.2	528
	70.0	7 / 3.55	14.7	750
	100.0	7 / 4.30	16.9	1060

ACSR Alum Conductors Steel

BS No. BS215 Pt 2 1970
Add info: Steel reinforced Bare O/HD line all Voltages ACSR also manufactured to international specifications including IEC 1089, CSA C49, ASTM B232, NFC 34-120, DIN 48204

CCC Ref	Core Size mm ²	No strands/ Strand Size	Nominal O.D mm	Approximate Nett Weight per Kilometre kg
GOPHER	25.0	6 / 1 / 2.36	7.08	106
RABBIT	50.0	6 / 1 / 3.35	10.05	214
HORSE	70.0	12 / 7 / 2.79	13.95	538
RACOON	75.0	6 / 1 / 4.10	12.30	320
DOG	100.0	6 / 4.72 + 7 / 1.68	14.15	394
WOLF	150.0	30 / 7 / 2.59	18.13	726
DINGO	150.0	18 / 1 / 3.35	16.75	506
LYNX	175.0	30 / 7 / 2.79	19.53	842
JAGUAR	200.0	18 / 1 / 3.86	19.30	671
ZEBRA	400.0	54 / 7 / 3.18	28.62	1621

All the above Conductors can be supplied PVC covered to BS6485.



AAC All Alum Conductor

BS No. BS215 Pt 1 1970
Add Info: Bare O/HD line, all voltages
AAC's also manufactured to international specifications including: IEC 1089, CSA C49, ASTM B231, NFC34-120, DIN 48201-5

CCC Ref	Core Size mm ²	No strands/ Strand Size	Nominal O.D mm	Approximate Nett Weight per Kilometre kg
MIDGE	22.0	7 / 2.06	6.20	64
ANT	50.0	7 / 3.10	9.30	145
BLUE BOTTLE	70.0	7 / 3.66	10.98	202
WASP	100.0	7 / 4.39	13.20	290
HORNET	150.0	19 / 3.25	16.30	434
COCKROACH	250.0	19 / 4.22	21.10	731
BUTTERFLY	300.0	19 / 4.65	23.30	888
CENTIPEDE	400.0	37 / 3.78	26.50	1145

All the above Conductors can be supplied PVC covered to BS6485.



AAAC Alum Alloy Conductor

BS 3242 1970
Add Info: Bare O/HD line, all voltages
AAAC's also manufactured to international specifications including: IEC 1089, CSA C49, ASTM B399, NFC34-125, DIN 48201-6

CCC Ref	Core Size mm ²	No strands/ Strand Size	Nominal O.D mm	Approximate Nett Weight per Kilometre kg
ALMOND	25.0	7 / 2.34	7.02	82
CEDAR	30.0	7 / 2.54	7.62	97
FIR	40.0	7 / 2.95	8.85	131
HAZEL	50.0	7 / 3.30	9.90	164
WILLOW	75.0	7 / 4.04	12.12	245
OAK	100.0	7 / 4.65	13.95	325
ASH	150.0	19 / 3.48	17.40	497
ELM	175.0	19 / 3.76	18.80	580
POPLAR	200.0	37 / 2.87	20.09	659
SYCAMORE	250.0	37 / 3.23	22.61	835
UPAS	300.0	37 / 3.53	24.71	997
RUBUS	500.0	61 / 3.50	31.50	1620
ARAUCARIA	700.0	61 / 4.14	37.26	2266





Triplex 6.35 / 11kV

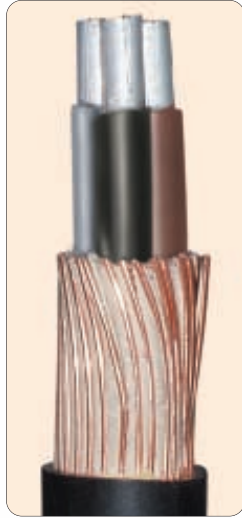
AL/XLPE/Cu Wire SCR/PVC/MDPE

Sheath: Red or Black

BS No. BS 7870 Pt 4

Add info: Non radically water blocked. Maximum Voltage 11000V

CCC Ref	Core Size mm ²	Nominal O.D mm
Triplex	70.0	47.00
	95.0	53.10
	185.0	61.00
	300.0	69.20



Waveform

AL/XLPE/Rubber/Cu/PVC

LSF option available, BS No. BS7870 Pt 3

Add info: Waveform neutral/Earth Conductor (CNE) cable

Maximum Voltage 1000V

CCC Ref	No. of Cores mm ²	Core Size	Nominal O.D MM
6943WF	3	35.0	26.50
		70.0	30.70
		95.0	34.50
		120.0	38.00
		185.0	45.90
		240.0	50.70
300.0	57.00		



Table 3.9-MULT39F

Polythene-Insulated, multipair cables for use where the induced Voltage level exceeds 5Kv but does not exceed 15Kv. Steel Wire Armoured

Manufactured in Acc with EATS 09.6 ISSUE 6, Section 3, Table 3.9

Can be supplied filled & unfilled

	7 Pair	19 Pair	37 Pair	61 Pair
No.Nominal diameter of Wires mm	1 / 0.8	1 / 0.8	1 / 0.8	1 / 0.8
Overall diameter when graphite coating applied nominal mm	22.9	32.3	42.3	52.2
Weight per Km (approx)	900	1800	3000	4600



Hybral

AL / XLPE / PVC, Sheath Black

BS No. BS7870-3.11

Add Info: Concentric Copper neutral/Earth Conductor

Maximal Voltage 1000V

CCC Ref	No. of Cores mm ²	Core Size	Nominal O.D MM
Hybral	1	16.0	
Hybral	1	25.0	12.30
Hybral	1	35.0	13.70
Hybral	3	25.0	22.60
Hybral	3	35.0	24.80

Copper Cable Company have in place a number of fundamental agreements and approvals with UK utility companies and in addition are approved by Network Rail on track feeder and 33Kv MV cables.

Our Parent Companies manufacturing facilities carry the following ISO Certification.



CCC can also supply Cables manufactured to the following International Standards

ABS	DQS	MSHA	SEMKO
BBJ-SEP	EZU	NEMKO	SEV
BV	FIMKO	NRC	SIQ
CEBEC	GL	RINA	TOMASS
CSA	KEMA	RMRS	UL
DEMKO	KIT	ROSTEST	UTE
DELTA	LCIE	SABS	VDE
DNV	LLOYD'S REGISTER		WUG

Notes

A large rectangular area with a thin orange border, containing 30 horizontal dotted lines for writing notes.

Notes

A large rectangular area with a dotted grid pattern, intended for writing notes.



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