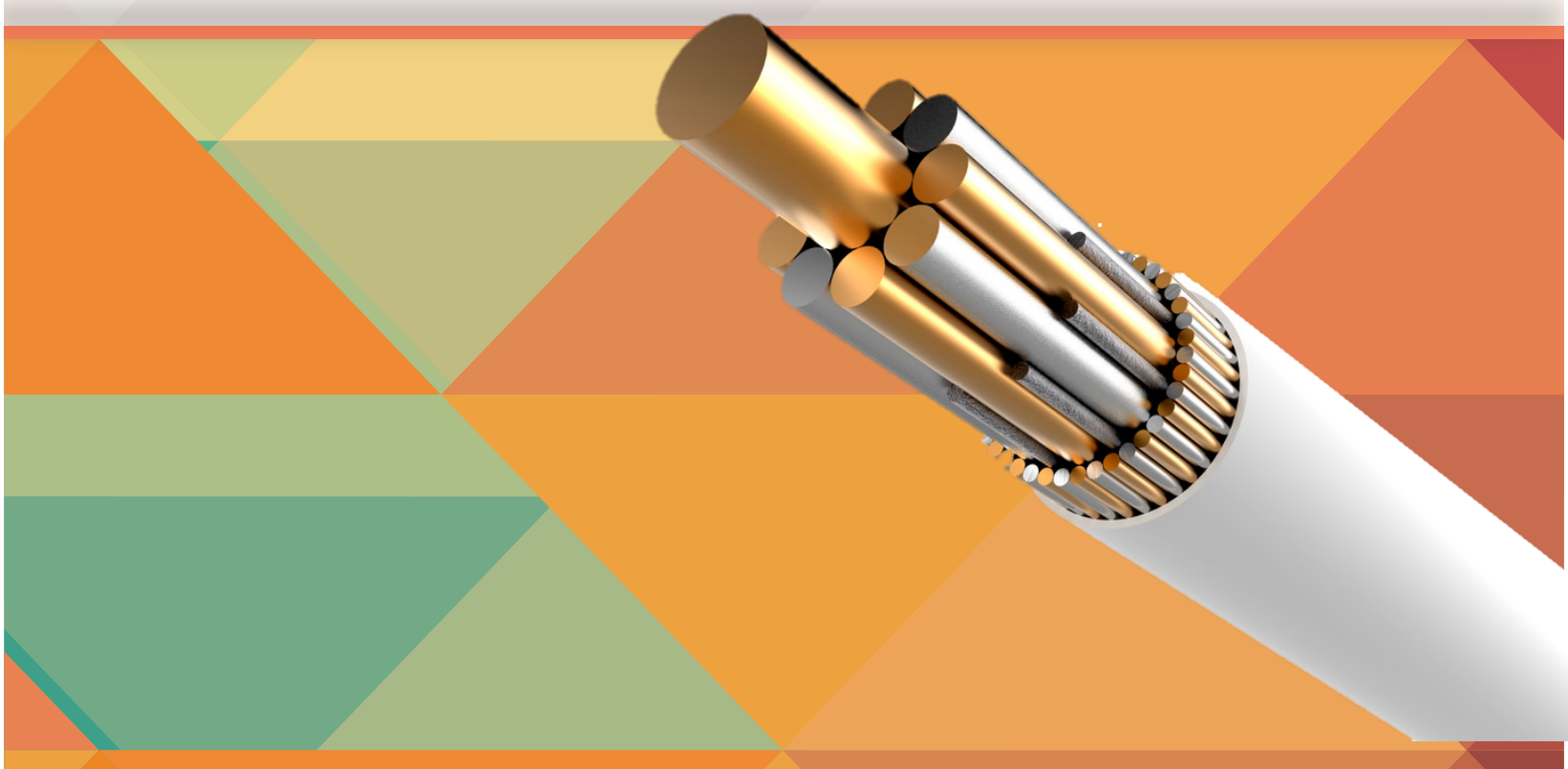




CABLEOLOGY



CABLEOLOGY

Powering Projects with Precision and Care

Cableology is a trusted global provider of high-quality electrical cables and related solutions, committed to delivering excellence at competitive value. With established networks across the Middle East, Africa, the Caribbean, and the UK, we have supported a wide range of projects, earning repeat business and long-standing relationships built on trust, reliability and performance.

Since our founding in 2012, we have grown by taking a tailored, customer-focused approach – offering complete cable solutions to meet project-specific requirements. From manufacturing to sourcing to consolidation and delivery, we help our clients achieve seamless execution on time-critical projects.

We specialise in design, complete manufacturing solutions and delivery of electrical cables and accessories across multiple sectors, including construction, building services, mining, industrial operations, fire protection and telecommunications. Our portfolio covers fibre optic, rubber, fire-resistant, mining, XLPE, armoured, and medium-voltage (HT) cables, among others. In addition, through strong global partnerships, we are able to extend our offering with a wide range of cable types and accessories-all accredited to international standards.

While continuing to support our international client base, we are also expanding our presence in the UK, enhancing our inventory and services to better serve local projects. At Cableology, we take pride in delivering on time, with an uncompromising focus on quality, safety, and customer satisfaction.



CABLES SUPPLIED FOR UK MARKET AND GLOBALLY

Reference No.	Description	Har Code	Page
6242YH, 6242LH, 6243YH, 6243LH, 6241YH, 6241LH,	PVC Single, Twin and 3 Core & Earth cables to BS 6004	•	5
3183YAG, 3187YAG	Artic Cables-to BS 6500	•	5
6193YE	PVC Twin with Insulated Earth	•	6
6491X	PVC Single Core Cables to BS 6004/BS EN 50525-2-31	HO7V-R	6
6491B	XL-LSOH Single Core Cables to BS 7211	•	6
318-Y, 318-YH	PVC Flex Cable-Heavy Duty-to BS 6500/BS EN 50525-2-11	HO5VV-F	7
398, 398-H	Rubber Insulated Sheathed to BS 6500/6007	HO7RN-F	7
Fire Alarm FP	Fire Performance Cable-to BS 7629	•	8
694-XH	XLPE Steel Wire Armoured Cable-to BS 5467	•	8
694-LH	LSOH Steel Wire Armoured Cable-to BS 6724	•	9
638*TQ	Rubber Trailing Cables	•	9
0361 TQ	Welding Cable	•	10
ALC 4, 6, 8, 12	Intruder Alarm Cables-to BS 4737	•	
CAT 5E	UTP Cable	•	
6181Y	PVC Single Core Double-Insulated-to BS 6004/BS EN 50525-2-31	•	
6181XY, 6181B	XLPE Single Core Double Insulated-to BS 7889	•	
6940-X	XLPE Steel Wire Armoured Multicore Cable-to BS 5467	•	
694-X	XLPE Steel Wire Armoured Cable above 25mm ² to BS 5467	•	
EATS 09.6	PVC Insulated Steel Wire Armoured Cable	•	
694-LH	LSOH Steel Wire Armoured Cable-to BS 6724 above 25mm	•	
NYJ-J	Tough PVC to VDE 0271	•	
Split Concentric	PVC Split Concentric-to BS 4553	•	
XLPE, 11KV	XLPE Insulated 6.35/11KV Cable-to BS 6622	•	
PILC, 11KV	PILC Insulated 6.35/11KV Cable-to BS 6480	•	
6941 AW	Single Core Aluminium Wire Armoured Cable to-BS 5467	•	
YY-JZ	PVC/PVC Flexible Control Cable-to VDE 0250	•	
SY-JZ	PVC Braided Flexible Control Cable-to VDE 0250	•	
BS 6883	Ship Wiring Instrumentation Cable Braided	•	
BS 6883	Ship Wiring Cables Braided & Unbraided	•	
RG/URM Range	Coaxial Cables	•	
Track Cable	Track Feeder Cable RT/E/S/21101	•	
BS 6195	Coil End Lead	•	
ABC Cables	Aerial Bundled Conductor-to BS 7870	•	
Type 8 and Type 16	PVC Overhead Conductor to-BS 6485	•	
ASCR, AAC, AAAC	Alum Conductors	•	
Hybral	A1/XLPE/PVC-to BS 7870	•	
Triplex	6.35/11KV Power Cable-to BS 7870	•	
Wave Form	1000V Power Cable-to BS 7870	•	
Mult39F	5KV-15KV Power Cable-to BS 7870	•	
CW1308	PVC Telephone Cable	•	
TV	TV Coaxial Cable	•	
Bell Wire	PVC Low Voltage Cable	•	
Figure 8/Speaker	PVC Low Voltage Cable	•	

For Cable types described in the above list but not featured in this brochure, further information or price quotation(s) can be requested by contacting the Cableology Sales Team (Email: sales@cableology.com)

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 / BS EN 50525-2-31 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.

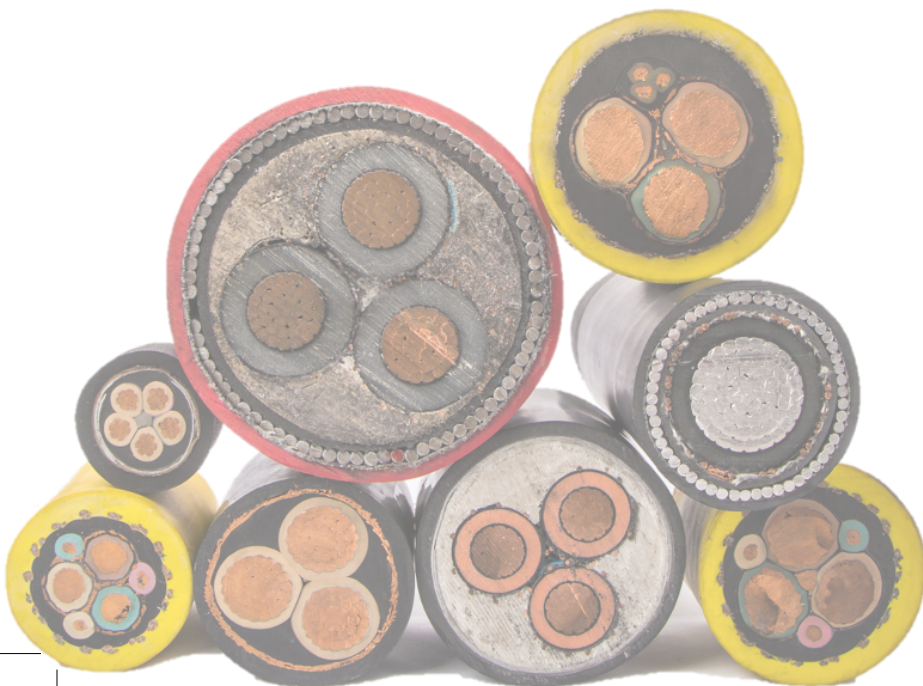
BS 6724: 1997 Armoured cables for electricity supply having thermosetting insulation with low emission of smoke and corrosive gases when affected by fire.

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 / BS EN 50525-2-11 Insulated flexible cords and sheath.



PVC Twin and Earth Cables

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

Reference: 6242Y, 6242B

UK Ref	Conductor Size mm ²	No.and Diameter of Wires No / mm	Pallet Quantities (approx) metres	Approximate Nett Weight per Kilometre kg
6242Y	1.0	1 / 1.13	15,000	66
6242Y	1.5	1 / 1.38	10,000	83
6242Y	2.5	1 / 17.8	8,000	122
6242Y	4.0	7 / 0.85	6,000	167
6242Y	6.0	1 / 1.04	4,500	223
6242Y	10.0	1 / 1.37	3,000	357
6242Y	16.0	1 / 1.70	2,000	517
6242Y	Twin Red Cores with Bare ECC			
6242Y	1.0	*1 / 1.13	12,500	66
6242Y	1.0	*1 / 1.13	10,000	83



PVC Three Core and Earth Cables

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

Reference: 6243Y, 6243B

UK Ref	Conductor Size mm ²	No.and Quantities. of Wires No / mm	Pallet Nett Weight (approx) metres	Approximate per Kilometre kg
6243Y	1.0	1 / 1.13	15,000	88
6243Y	1.5	1 / 1.38	10,000	114
6243Y	2.5	1 / 17.8	4,500	162

Supplied on standard 100/50 metre cardboard drums.

LSOH also available



PVC Single Core and Earth Cables

Manufactured to BS.6004/2000

Reference: 6241Y, 6241B

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

Core Colours; Brown or Blue

LSOH also available



PVC Single-Arctic Grade

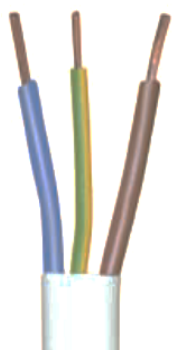
PVC Insulated, Solid or Stranded Copper Conductors
Voltage Rating : 300/500V
Manufactured to BS.6004/2000

Reference: 3183Y AG

Sheat 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 with Insulated Earth

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

Reference: 6193YE

UK Ref	Conductor Size mm ²	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+1.0	180
6193YE	2 x 6.0+2.0	239



PVC Single Core Cables

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

Reference: 6491X BS EN 50525-2-31

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	19 / 1.53	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

Core Colours; Brown, Blue, Grey, Black, Green/Yellow, Red, Yellow

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



XL-LSOH Single Core Cables Stranded

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

(Low Smoke & Zero Halogen) 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	1178
6491B	240.0	26.5	2312
6491B	300.0	29.5	2892
6491B	400.0	33.5	3701



PVC Flexible Cables - Heavy Duty

Reference: 3182Y, 3183Y, 3184Y and 3185Y / BS EN 50525-2-11

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					
3184Y	0.75	24 / 0.20	H05VV-F	7,500	74
3184Y	1.0	32 / 0.20	H05VV-F	7,500	87
3184Y	1.5	30 / 0.25	H05VV-F	6,000	124
3184Y	2.5	50 / 0.25	H05VV-F	5,000	187
5- Core					
3185Y	0.75	24 / 0.20	H05VV-F	7,500	93
3185Y	1.0	32 / 0.20	H05VV-F	6,000	107
3185Y	1.5	30 / 0.25	H05VV-F	5,000	156
3185Y	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



Rubber Insulated Sheathed Flexible Cords

Reference: 3983 3984 3985

Voltage Rating : 450/750V
Sheath Colour: Black
Manufactured to BS 6500/20000

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
3984	1.5	H07RN-F4	4	178
3984	2.5	H07RN-F4	4	259
3984	*4.0	H07RN-F4	4	365
3984	*6.0	H07RN-F4	4	489
3984	*10.0	H07RN-F4	4	851
3984	*16.0	H07RN-F4	4	1189
3985	1.5	H07RN-F5	5	218
3985	2.5	H07RN-F5	5	317
3985	*4.0	H07RN-F5	5	457
3985	*6.0	H07RN-F5	5	610
3985	*10.0	H07RN-F5	5	1047
3985	*16.0	H07RN-F5	5	1465

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





Fire Alarm Cable

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

UK 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

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

Reference: 6942X, 6943X, 6944X

UK Ref	Nominal Cross Sectional Area mm ²	No. and Diameter of Wires No / mm	No. of Cores	Nominal Diameter of cable mm	Approx Net Weights kgs
6942XH	1.5	1 / 1.38	2	10.3	237
6942XH	1.5	7 / 0.53	2	10.7	255
6942XH	2.5	1 / 1.78	2	11.7	300
6942XH	2.5	7 / 0.67	2	12.2	322
6942XH	4.0	7 / 0.85	2	13.2	384
6942XH	6.0	7 / 1.04	2	13.9	448
6942XH	10.0	7 / 1.35	2	16.0	599
6942XH	16.0	7 / 1.70	2	18.7	898
6943XH	1.5	1 / 1.38	3	10.7	263
6943XH	1.5	7 / 0.53	3	11.1	276
6943XH	2.5	1 / 1.78	3	12.2	336
6943XH	2.5	7 / 0.67	3	12.7	358
6943XH	4.0	7 / 0.85	3	13.8	433
6943XH	6.0	7 / 1.04	3	14.6	513
6943XH	10.0	7 / 1.35	3	17.5	803
6943XH	16.0	7 / 1.70	3	19.9	1075
6944XH	1.5	1 / 1.38	4	11.4	295
6944XH	1.5	7 / 0.53	4	11.9	315
6944XH	2.5	1 / 1.78	4	13.0	384
6944XH	2.5	7 / 0.67	4	13.6	408
6944XH	4.0	7 / 0.85	4	14.8	504
6944XH	6.0	7 / 1.04	4	16.6	707
6944XH	10.0	7 / 1.35	4	18.8	939
6944XH	16.0	7 / 1.70	4	21.5	1269

2 Core Brown, Blue
3 Core Brown, Black, Grey
4 Core Brown, Blue, Black, Grey





LSOH Steel Wire Armoured Cables

(Low Smoke) Reference: 6942LH, 6943LH, 6944LH

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

Ref	Conductor Size mm ²	No. and Diameter of wires No / mm	No. of Cores	Approximate Nominal O.D mm	Approximate Nett Weight per Kilometre kg
6942LH	1.5	1 / 1.38	2	10.5	245
6942LH	1.5	7 / 0.53	2	10.9	257
6942LH	2.5	1 / 1.78	2	11.9	309
6942LH	2.5	7 / 0.67	2	12.4	330
6942LH	4.0	7 / 0.85	2	13.4	392
6942LH	6.0	7 / 1.04	2	14.1	450
6942LH	10.0	7 / 1.35	2	16.2	605
6942LH	16.0	7 / 1.70	2	18.9	908
6943LH	1.5	1 / 1.38	3	10.9	262
6943LH	1.5	7 / 0.53	3	11.3	285
6943LH	2.5	1 / 1.78	3	12.4	346
6943LH	2.5	7 / 0.67	3	12.9	362
6943LH	4.0	7 / 0.85	3	14.0	442
6943LH	6.0	7 / 1.04	3	14.8	522
6943LH	10.0	7 / 1.35	3	17.7	816
6943LH	16.0	7 / 1.70	3	20.1	1078
6944LH	1.5	1 / 1.38	4	11.6	305
6944LH	1.5	7 / 0.53	4	12.1	319
6944LH	2.5	1 / 1.78	4	13.2	389
6944LH	2.5	7 / 0.67	4	13.8	412
6944LH	4.0	7 / 0.85	4	15.0	513
6944LH	6.0	7 / 1.04	4	16.8	708
6944LH	10.0	7 / 1.35	4	19.0	953
6944LH	16.0	7 / 1.70	4	21.7	1282



638*TQ Rubber Trailing Cable

Tinned Cu / EPR / CSP Black Sheath
BS No BS 7919 / 2001
Add info: 85c Rubber Insul-HOFR Sheath

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
		150.0	756 / 0.50	31.50	1950
		185.0	925 / 0.50	34.50	2350
6282TQ	2	240.0	1221 / 0/50	38.00	3050
		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
6383TQ	3	4.00	56 / 0.30	16.00	300
		6.00	84 / 0.30	20.00	440
		10.00	80 / 0.40	28.00	900
		16.00	126 / 0.40	29.50	950
		25.00	196 / 0/40	34.00	1400
6384TQ	4	4.00	56 / 0.30	18.00	390
		6.00	84 / 0.30	22.00	550
		10.00	80 / 0.40	30.50	1086
		16.00	126 / 0.40	35.50	1508
		25.00	196 / 0.40	41.50	2350

0361TQ

Tinned Cu/EPR/CSP, Sheath Orange or Black
BSNo. BS638 Pt4 1996 Section 3
Add Info: HOFR sheath. 85°

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



Cableology 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



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