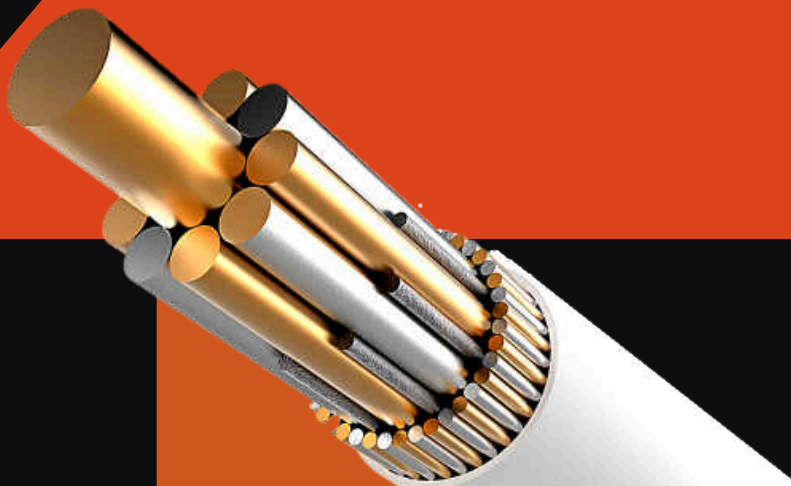




CABLEOLOGY

Powering projects with precision and care

WEBSITE

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WHAT WE DO

Cables to sustain and shape growth

Design, complete manufacturing solutions and a global distribution network — high-quality electrical cables and accessories for the Middle East, Africa, the Caribbean and the UK.

Cableology is a global provider of electrical cables and related products, dedicated to delivering cost-effective solutions without compromising on quality. With a strong presence across the Middle East, Africa, the Caribbean and the UK, we have supported numerous projects and consistently met client requirements — resulting in repeat business and long-term partnerships built on trust, quality and reliability.

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 clients achieve seamless execution on time-critical projects.

We specialise in design, complete manufacturing solutions and delivery of electrical cables and accessories across construction, building services, mining, industrial operations, fire protection and telecommunications. Our portfolio covers fibre optic, rubber, fire-resistant, mining, XLPE, armoured and medium-voltage cables, among others. Through strong global partnerships we extend that 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 expanding our presence in the UK, enhancing inventory and services to better serve local projects.


2012

Trading since

4

Sales offices

40+

Cable types

BASEC

Approved UK range

Sectors we supply



CABLES SUPPLIED

For the UK market and globally

Page references point to the technical tables in this brochure.

Reference	Description	Har. code	Page
6242YH, 6242LH, 6243YH, 6243LH, 6241YH, 6241LH	PVC single, twin and 3 core & earth cables to BS 6004		05
3183YAG, 3187YAG	Arctic cables to BS 6500		05
6491X	PVC single core cables to BS 6004 / BS EN 50525-2-31	H07V-R	06
6491B	XL-LSOH single core cables to BS 7211		06
6193YE	PVC twin with insulated earth to BS 6004		07
318-Y, 318-YH	PVC flex cable, heavy duty, to BS 6500 / BS EN 50525-2-11	H05W-F	07
398, 398-H	Rubber insulated sheathed to BS 6500 / BS 6007	H07RN-F	08
Fire Alarm FP	Fire performance cable to BS 7629		08
694-XH	XLPE steel wire armoured cable to BS 5467		09
694-LH	LSOH steel wire armoured cable to BS 6724		10
638*TQ	Rubber trailing cables		11
0361 TQ	Welding cable		11

Also supplied

Available to order and quoted on request. Ask the sales desk for the current technical datasheet against any reference below.

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 ²
NY-Y-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
ACSR, AAC, AAAC	Aluminium conductors
Hybral	Al / 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

Not listed? For cable types described above but not featured in the technical tables, or for anything outside this list, further information and price quotations can be requested from the Cableology sales team at sales@cableology.com or on WhatsApp at +44 (0) 7970 782083.

ACCREDITATIONS

Compliance built in

The majority of cables detailed in 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. Ranges for which we hold approval carry the BASEC mark against the technical tables.

British Standards applicable to wiring cables

BS 6004	2012 (+A1:2020) / BS EN 50525-2-31 — PVC insulated cables (non-armoured) for power and lighting
BS 7211	2012 (+A1:2020) / BS EN 50525-3-41 — LSOH insulated cables (non-armoured) for power and lighting
BS 5467	2016 — Armoured cables for electricity supply having thermosetting insulation
BS 6724	2017 — Armoured cables with thermosetting insulation, low emission of smoke and corrosive gases in fire
BS 6141	1991 — PVC heat resistant insulation and sheath
BS 7629-1	Fire resistant cable, tested to BS 6387 Cat C, W and Z
BS 4553	PVC insulated single phase split concentric
BS EN 50525-2-11	Insulated flexible cords and sheath (supersedes BS 6500, withdrawn 2012)



BASEC certification is available for applicable references. Where our products fall outside the BS framework, we supply against equivalent international approvals instead.



PVC Twin and Earth Cables**6242Y, 6242B**

PVC insulated, solid or stranded copper conductors
Voltage rating 300/500V
Manufactured to BS 6004

UK ref	Conductor size mm ²	No. & dia. of wires No / mm	Pallet quantity (approx) m	Approx. nett weight per km, kg	
6242Y	1.0	1 / 1.13	15,000	66	
6242Y	1.5	1 / 1.38	10,000	83	
6242Y	2.5	1 / 1.78	8,000	122	
6242Y	4.0	7 / 0.85	6,000	167	
6242Y	6.0	7 / 1.04	4,500	223	
6242Y	10.0	7 / 1.35	3,000	357	
6242Y	16.0	7 / 1.70	2,000	517	
Twin red cores with bare ECC					
6242Y	1.0	1 / 1.13	12,500	66	
6242Y	1.5	1 / 1.38	10,000	83	
Supplied on standard 100 / 50 metre cardboard drums.					LSOH also available

PVC Three Core and Earth Cables**6243Y, 6243B**

PVC insulated, solid or stranded copper conductors
Voltage rating 300/500V
Manufactured to BS 6004

UK ref	Conductor size mm ²	No. & dia. of wires No / mm	Pallet quantity (approx) m	Approx. nett weight per km, kg	
6243Y	1.0	1 / 1.13	15,000	88	
6243Y	1.5	1 / 1.38	10,000	114	
6243Y	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**6241Y, 6241B**

Core colours: brown or blue
Manufactured to BS 6004

UK ref	Conductor size mm ²	No. & dia. of wires No / mm	Pallet quantity (approx) m	Approx. nett weight per km, kg	
6241Y	1.0	1 / 1.13	10,000	43	
6241Y	1.5	1 / 1.38	8,000	53	

LSOH also available

PVC Arctic Grade**3183Y AG, 3187Y AG**

PVC insulated, solid or stranded copper conductors
Voltage rating 300/500V · sheath yellow or blue
Manufactured to BS 6004:2000, dimensionally to BS 6500

UK ref	Conductor size mm²	No. & dia. of wires No / mm	Colour	Approx. nett weight per km, kg
7 core				
3187Y AG	0.75	24 / 0.20	Yellow or Blue	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 Single Core Cables**6491X · BS EN 50525-2-31**

PVC insulated, solid or stranded copper conductors
 Voltage rating 450/750V · VDE approval harmonised
 Manufactured to BS 6004

UK ref	Conductor size mm ²	No. & dia. of wires No / mm	Har. code	Pallet quantity (approx) m	Approx. nett weight per km, 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 100 / 50 metre cardboard drums.

**XL-LSOH Single Core Cables, Stranded****6491B · low smoke & zero halogen**

LSOH insulated, stranded copper conductors
 Voltage rating 450/750V
 Manufactured to BS 7211

UK ref	Conductor size mm ²	Approx. nominal O.D. mm	Approx. nett weight per km, 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 Twin with Insulated Earth**6193YE**

PVC insulated, solid or stranded copper conductors
Voltage rating 300/500V
Generally to BS 6004

UK ref	Conductor size mm ²	Approx. nett weight per km, kg
6193YE	2 × 1.5 + 1.0	92
6193YE	2 × 2.5 + 1.5	137
6193YE	2 × 4.0 + 1.0	180
6193YE	2 × 6.0 + 2.0	239

**PVC Flexible Cables — Heavy Duty****3182Y, 3183Y, 3184Y, 3185Y · BS EN 50525-2-11**

PVC insulated and PVC sheathed, flexible copper conductors
Voltage rating 300/500V · sheath black or white
Manufactured to BS EN 50525-2-11

UK ref	Conductor size mm ²	No. & dia. of wires No / mm	Har. code	Pallet quantity (approx) m	Approx. nett weight per km, kg
2 core — blue / brown					
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 — green/yellow, blue, brown					
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 — green/yellow, brown, black, grey					
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 — green/yellow, blue, brown, black, grey					
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.



Rubber Insulated Sheathed Flexible Cords**3983, 3984, 3985**Voltage rating 450/750V · sheath colour black
Manufactured to BS 6500

UK ref	Conductor size mm ²	Har. code	Number of cores	Approx. nett weight per km, kg
3 core				
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
4 core				
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
5 core				
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

25.0mm² and above in single and multicore available to order.

* Stranded construction

**Fire Alarm Cable****Flam2E, Flam3E, Flam4E**

Copper conductor, cross-linked silicon, aluminium polytape, OHLS sheath, 950°C

Fire performance BS 7629 type B and BS 6387 Cat C, W and Z

Tinned copper uninsulated earth conductor · enhanced version to BS 5839-1 available

UK ref	Cores	Core size mm ²	Nominal O.D. mm	Approx. nett weight per km, kg
Flam2E	2 + E	1.00	7.1	66
Flam2E	2 + E	1.50	8.0	87
Flam2E	2 + E	2.50	9.3	127
Flam3E	3 + E	1.00	7.5	81
Flam3E	3 + E	1.50	8.4	108
Flam3E	3 + E	2.50	9.9	159
Flam4E	4 + E	1.00	8.1	97
Flam4E	4 + E	1.50	9.4	132
Flam4E	4 + E	2.50	11.3	198



XLPE Steel Wire Armoured Cables**6942XH, 6943XH, 6944XH**

XLPE insulated, PVC bedded, galvanised steel wire armoured, PVC sheathed
 Solid or stranded copper conductors · voltage rating 600/1000V · sheath black
 Manufactured to BS 5467:1997

UK ref	Conductor size mm ²	No. & dia. of wires No / mm	Cores	Approx. nominal cable dia. mm	Approx. nett weight per km, kg
2 core — brown, blue					
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
3 core — brown, black, grey					
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
4 core — brown, blue, black, grey					
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



Larger cross sectional sizes are available on request.



LSOH Steel Wire Armoured Cables**6942LH, 6943LH, 6944LH · low smoke**

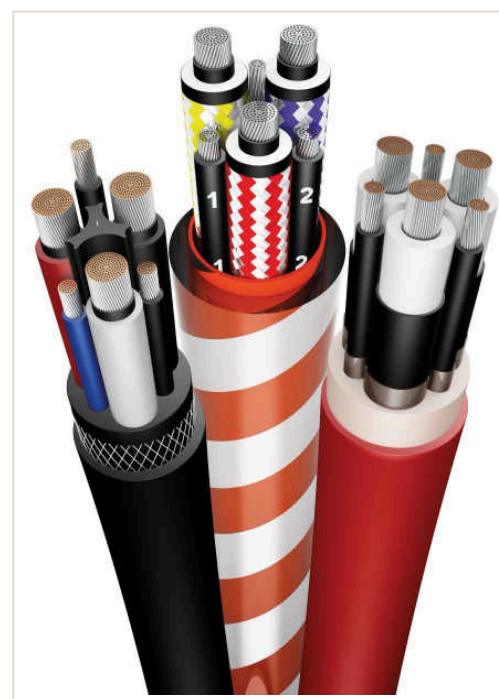
Plain annealed copper, XLPE insulation, LSOH bedding, galvanised steel wire armour
 Voltage rating 600/1000V · LSOH sheath black
 Manufactured to BS 6724:1997

UK ref	Conductor size mm ²	No. & dia. of wires No / mm	Cores	Approx. nominal cable dia. mm	Approx. nett weight per km, kg
2 core — brown, blue					
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
3 core — brown, black, grey					
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
4 core — brown, blue, black, grey					
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



Larger cross sectional sizes are available on request.

Why LSOH? In a fire, low smoke zero halogen constructions emit far less smoke and no corrosive halogen gas. That matters wherever people have to evacuate through the space, or where equipment would be damaged by acid gas — tunnels, data centres, hospitals, ships and public buildings. Where the specification calls for BS 6724 rather than BS 5467, this is the range.



638*TQ Rubber Trailing Cable**6381TQ, 6282TQ, 6383TQ, 6384TQ**

Tinned copper / EPR / CSP, black sheath
 85°C rubber insulated, HOFR sheath
 BS 7919:2001

UK ref	Cores	Core size mm ²	No. strands / strand size	Nominal O.D. mm	Approx. nett weight per km, kg
Single core					
6381TQ	1	4.00	56 / 0.30	9.00	99
6381TQ	1	6.00	84 / 0.30	11.00	140
6381TQ	1	10.00	80 / 0.40	12.50	200
6381TQ	1	16.00	126 / 0.40	14.50	280
6381TQ	1	25.00	196 / 0.40	16.50	400
6381TQ	1	35.00	276 / 0.40	18.50	560
6381TQ	1	50.00	396 / 0.40	21.00	750
6381TQ	1	70.00	360 / 0.50	23.50	950
6381TQ	1	95.00	475 / 0.50	26.00	1300
6381TQ	1	120.0	608 / 0.50	28.50	1600
6381TQ	1	150.0	756 / 0.50	31.50	1950
6381TQ	1	185.0	925 / 0.50	34.50	2350
6381TQ	1	240.0	1221 / 0.50	38.00	3050
Two core					
6282TQ	2	4.00	56 / 0.30	15.00	262
6282TQ	2	6.00	84 / 0.30	18.50	360
6282TQ	2	10.00	80 / 0.40	24.00	550
6282TQ	2	16.00	126 / 0.40	27.50	750
6282TQ	2	25.00	196 / 0.40	31.50	1150
Three core					
6383TQ	3	4.00	56 / 0.30	16.00	300
6383TQ	3	6.00	84 / 0.30	20.00	440
6383TQ	3	10.00	80 / 0.40	28.00	900
6383TQ	3	16.00	126 / 0.40	29.50	950
6383TQ	3	25.00	196 / 0.40	34.00	1400
Four core					
6384TQ	4	4.00	56 / 0.30	18.00	390
6384TQ	4	6.00	84 / 0.30	22.00	550
6384TQ	4	10.00	80 / 0.40	30.50	1086
6384TQ	4	16.00	126 / 0.40	35.50	1508
6384TQ	4	25.00	196 / 0.40	41.50	2350

**Welding Cable****0361TQ**

Tinned copper / EPR / CSP, sheath orange or black
 HOFR sheath, 85°C
 BS 638-4:1996 section 3

UK ref	Cores	Core size mm ²	No. strands / strand size	Nominal O.D. mm	Approx. nett weight per km, kg
0361TQ	1	16.0	513 / 0.20	11.50	230
0361TQ	1	25.0	783 / 0.20	13.00	315
0361TQ	1	35.0	1107 / 0.20	14.50	410
0361TQ	1	50.0	1566 / 0.20	17.00	580
0361TQ	1	70.0	2214 / 0.20	19.50	800
0361TQ	1	95.0	2997 / 0.20	22.00	1050
0361TQ	1	120.0	608 / 0.50	24.00	1400



MANUFACTURING SOLUTIONS

Raw material through to finished drum

We supply the inputs as well as the cable — useful if you are running your own line, or want a construction built from a compound you have already specified. Every input is supplied with its certificate of conformity.

Copper wire rod

8mm ETP copper rod for drawing, supplied against LME plus premium.

PVC compound

Insulation and sheathing compounds, standard and heat-resistant grades.

Galvanised steel wire

Round armour wire and flat steel tape for SWA and STA constructions.

EPR compound

Ethylene propylene rubber for flexible, trailing and welding constructions.

XLPE compound

Cross-linkable polyethylene for LV through to medium-voltage insulation.

Optical fibre

Single-mode and multi-mode fibre for indoor, outdoor and armoured builds.

Three ways we get cable onto your site

Manufacture to specification

Conductor, insulation, armour, sheath, printing and drum lengths built to your schedule rather than to a stock list.

Source and consolidate

Multi-supplier packages pulled into a single shipment, one set of documents and one point of contact.

UK stock and call-off

Growing UK inventory on common constructions, with call-off against an agreed price so you are not re-pricing every time copper moves.

Cable accessories

Through our global partnerships we extend the offering with glands and sealing, compression lugs and ferrules, heat-shrink and cold-shrink jointing and termination kits, cleats and fixings, drums, reels and handling equipment, and full core identification — all accredited to international standards.





CABLEOLOGY

Talk to the sales desk

Quotes are usually turned around the same day or following day after receipt of Enquiry. Send a schedule, a drawing, or just a reference and a length — we will come back with a price and a lead time against a stated copper basis.

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United Kingdom

Egypt sales office

40 Mohamed Refaat Street
New Nozha, Cairo
Egypt

Guyana sales office

Lot 60, Better Hope South
East Coast Demerara, Georgetown
Guyana

Libya sales office

Opening soon

Technical sales cover already in place.



Technical data in this brochure is indicative and should be confirmed against the current datasheet before ordering. Dimensions and weights are nominal and subject to manufacturing tolerance.

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