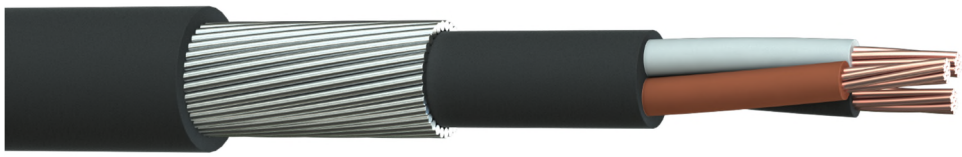
BS 6724 Armoured LSHF Power Cable
Technical Datasheet

Description: Multicore low voltage power and control cable that features cross linked insulation, heavy galvanised steel wire armour and black UV stable water resistant LSHF jacket. Suitable for internal/external application and in direct burial



CONSTRUCTION PRODUCTS REGULATION
BS EN 50575
CLASS Dca
s1, d2, a1
INDEPENDENTLY VERIFIED

Construction

Conductor Material	: Bare Copper, Class 5
Insulation Material	: Cross Linked Polyethylene (XLPE)
Bedding Material	: Low Smoke Halogen Free (LSHF)
Armour	: Galvanised Steel Wire Armour (SWA)
Sheath Material	: Low Smoke Halogen Free (LSHF)
Sheath Colour	: Black
Core Identification	: 2core – Brown, Blue 3core – Brown, Black, Grey
	: 4core – Brown, Blue, Black, Grey
	: 5core – White Cores with Black Numbers

Electrical Characteristics

Conductor Resistance	: BS EN 60228
Working Voltage	: 0.6/1kV

Physical Characteristics

Overall Diameter	: See Table
Min. Bend Radius	: 6 x OD
Temperature Rating	: -15°C to +90°C

Standards

Manufactured to	: BS 6724
RoHS3 Compliant	: Yes
Flame Retardant	: BS EN 60332-1-2, BS 50266-2
Low Smoke Generation	: BS EN 50268-2
Halogen Gas Emission	: BS EN 50267-2-1, BS EN 50267-2-3
CE Compliant	: LVD (2014/35/EU), CPR (305/2011)
CPR Classification	: Dca s1, d2, a1 (EN50575:2014+A1:2016)

Part No.	Cores x mm²	O/D mm	Weight kg/km
72400102-D25	2 x 1.5	11.5	320
72400103-D25	3 x 1.5	12.0	300
72400104-D25	4 x 1.5	12.9	400
72400105-D25	5 x 1.5	14.9	400

Part No.	Cores x mm²	O/D mm	Weight Kg/km
72400202-D25	2 x 2.5	12.9	365
72400203-D25	3 x 2.5	13.0	350
72400204-D25	4 x 2.5	14.4	470
72400205-D25	5 x 2.5	16.5	490

Part No.	Cores x mm²	O/D mm	Weight Kg/km
72400402-D25	2 x 4	14.4	440
72400403-D25	3 x 4	15.0	450
72400404-D25	4 x 4	15.7	580
72400405-D25	5 x 4	18.9	715

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