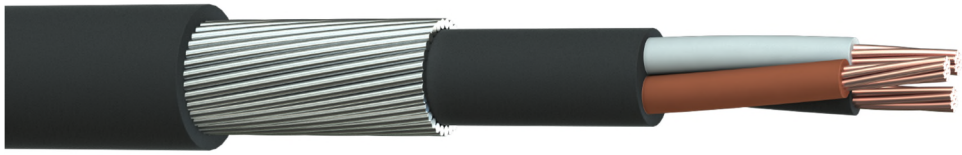
BS 6724 Amoured LSHF Power Cable
Technical Datasheet

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 B2ca
s1, d1, 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 & Above – 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	: B2ca s1, d1, a1 (EN50575:2014+A1:2016)

Part No.	Cores x mm²	O/D mm	Weight kg/km
72400107-B222	7 x 1.5	15.8	500
72400112-B222	12 x 1.5	20.0	820
72400119-B222	19 x 1.5	22.6	1080
72400127-B222	27 x 1.5	27.3	1850
72400207-B222	7 x 2.5	17.6	730
72400212-B222	12 x 2.5	20.1	840
72400219-B222	19 x 2.5	27.0	1530
72400227-B222	27 x 2.5	31.3	1960
72400407-B222	7 x 4	20.1	840
72400412-B222	12 x 4	26.1	1390
72400419-B222	19 x 4	29.7	1850
72400427-B222	27 x 4	34.8	2420

Part No.	Cores x mm²	O/D mm	Weight Kg/km
72400602-B222	2 x 6	15.6	470
72400603-B222	3 x 6	16.0	550
72400604-B222	4 x 6	17.9	810
72400605-B222	5 x 6	20.4	900
72401002-B222	2 x 10	16.8	810
72401003-B222	3 x 10	18.0	800
72401004-B222	4 x 10	19.7	1080
72401005-B222	5 x 10	23.2	1200
72401602-B222	2 x 16	19.6	1025
72401603-B222	3 x 16	21.0	1100
72401604-B222	4 x 16	22.4	1450
72401605-B222	5 x 16	27.3	1650

Part No.	Cores x mm²	O/D mm	Weight Kg/km
72402502-B222	2 x 25	20.9	1000
72402503-B222	3 x 25	26.0	1700
72402504-B222	4 x 25	27.3	2060
72402505-B222	5 x 25	30.0	2200
72403502-B222	2 x 35	23.0	1400
72403503-B222	3 x 35	28.0	2100
72403504-B222	4 x 35	30.2	2550
72403505-B222	5 x 35	32.9	2700

FS Cables Ltd
Export Sales
01727 840 841
+44 1727 849 841
sales@fscables.com
sales@fscglobal.com
www.fscables.com
www.fscglobal.com

Date: 08/07/2020
Revision: 1.0
Author: GB Checked: GB

Information and images on this techincal datasheet are intended for guidance only and products may vary due to manufacturing changes, technical improvements and commercial factors. We reserve the right to amend the product information without notice or liability.