

Booklet Armoured Cable

BS6724 SWA/LSZH Cable IEC60502 600/1000V

Application

Designed for use in mains supply electricity. These cables are steel wire armoured for mechanical protection and are therefore suitable for external use and direct burial.

Construction

Conductor	Class 2 stranded copper conductor according to BS EN 60228 (previously BS 6360)
Insulation	XLPE (Cross-Linked Polyethylene)
Bedding	LSZH (Low smoke zero halogen)
Armour	SWA (Steel Wire Armour)
Sheath	LSZH (Low smoke zero halogen)
Voltage Rating (U_o/U)	600/1000V
Temperature Rating	Fixed: -25°C to +90°C
Minimum Bending Radius	1.5mm ² to 16mm ² - Fixed: 6 x overall diameter 25mm ² and above - Fixed: 8 x overall diameter
Core Identification	2 core: Brown Blue 3 core: Brown Black Grey 4 core: Brown Blue Black Grey 5 core: Green/Yellow Brown Blue Black Grey Alternative Core Identification: White cores with Black numbers



Sales: 01582 665050

Belfast sales 0289 0773222
Bristol sales 01454 616792

fax:01582 665060 e-mail: sales@premiercables.com

Birmingham sales 0121 6297879
Middlesbrough sales 0162 430300

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Number of cores x cross section mm ²		O/D	Kg/km	Gland
2	1.5	12.1	302	20
2	2.5	13.6	346	20
2	4	14.7	410	20s
2	6	15.9	499	20
2	10	18	648	20
2	16	20.4	978	20
3	1.5	12.6	330	20
3	2.5	14.1	390	20s
3	4	15.3	464	20s
3	6	16.6	568	20
3	10	19.5	866	20
3	16	21.6	1152	25
4	1.5	13.3	365	20s
4	2.5	15	438	20
4	4	16.4	532	20
4	6	18.7	764	20
4	10	21.1	1013	25
4	16	23.4	1360	25
5	1.5	14.3	410	20s
5	2.5	16.1	470	20
5	4	17.8	710	20
5	6	20	876	25
5	10	22.9	1165	25
5	16	26.6	1742	32



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Number of cores x cross section mm ²		O/D	Kg/km	Gland
7	1.5	15.2	470	20s
7	2.5	17.1	600	20
7	4	19.4	881	20
12	1.5	19.4	780	25
12	2.5	22.4	1000	25
19	1.5	22.2	1000	25
19	2.5	26.6	1540	25
27	1.5	26.7	1500	32
27	2.5	30.7	1950	32
37	1.5	29	1800	32
37	2.5	33.8	2350	40



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TERMINATION RECOMMEDATION

BW GLAND – Indoor use



CW GLAND – External use



The information contained within this data sheet is for guidance only.
Cable and gland sizes are nominal and may vary according to different manufacturer's tolerances.
Every possible effort is made to ensure that the Information contained in this data sheet is correct.
However, we reserve the right to change the information or specification at any time in the light of technical developments or revisions.
References to or extracts from British Standards, current IEE regulations or other regulatory bodies should be verified with these organisations.