



## ARMoured LSZH POWER CABLE

BS 6724

55 orderable sizes

STANDARD <b>BS 6724</b>	VOLTAGE CLASS <b>0.6/1 kV</b>	CONDUCTOR <b>Class 2 copper conductor</b>
INSULATION / JACKET <b>LSZH outer sheath</b>		

### Construction

- 1 ■ Conductor (per core) – Copper conductor · 7 × Ø1.04 mm · IEC 60228 cl.2
- 2 ■ Core insulation – XLPE insulation
- 3 ■ Filler – PP filler
- 4 ■ Bedding – PVC bedding
- 5 ■ Armour – Galvanised steel wire armour (SWA)
- 6 ■ Sheath – LSZH outer sheath

### Size selection — all available cross-sections

Cable reference	Voltage class	Cable use	Core / pair design	Conductor size	Max DC resistance at 20 °C	Fire behavior	OD guide
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 2C 1.5 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	2C	1.5 mm <sup>2</sup>	12.1 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	19 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 2C 2.5 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	2C	2.5 mm <sup>2</sup>	7.41 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	20 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 2C 4 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	2C	4 mm <sup>2</sup>	4.61 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	20 mm

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BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 2C 6 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	2C	6 mm <sup>2</sup>	3.08 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	21 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 2C 10 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	2C	10 mm <sup>2</sup>	1.83 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	23 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 2C 16 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	2C	16 mm <sup>2</sup>	1.15 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	25 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 2C 25 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	2C	25 mm <sup>2</sup>	0.727 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	27 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 2C 35 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	2C	35 mm <sup>2</sup>	0.524 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	28 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 2C 50 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	2C	50 mm <sup>2</sup>	0.387 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	31 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 2C 70 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	2C	70 mm <sup>2</sup>	0.268 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	33 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 2C 95 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	2C	95 mm <sup>2</sup>	0.193 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	36 mm

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BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 2C 120 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	2C	120 mm <sup>2</sup>	0.153 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	39 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 2C 150 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	2C	150 mm <sup>2</sup>	0.124 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	41 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 2C 185 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	2C	185 mm <sup>2</sup>	0.0991 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	44 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 2C 240 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	2C	240 mm <sup>2</sup>	0.0754 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	48 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 3C 1.5 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	3C	1.5 mm <sup>2</sup>	12.1 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	19 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 3C 2.5 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	3C	2.5 mm <sup>2</sup>	7.41 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	20 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 3C 4 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	3C	4 mm <sup>2</sup>	4.61 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	21 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 3C 6 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	3C	6 mm <sup>2</sup>	3.08 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	22 mm

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BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 3C 16 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	3C	16 mm <sup>2</sup>	1.15 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	25 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 3C 25 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	3C	25 mm <sup>2</sup>	0.727 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	27 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 3C 35 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	3C	35 mm <sup>2</sup>	0.524 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	29 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 3C 50 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	3C	50 mm <sup>2</sup>	0.387 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	31 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 3C 70 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	3C	70 mm <sup>2</sup>	0.268 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	34 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 3C 95 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	3C	95 mm <sup>2</sup>	0.193 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	37 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 3C 120 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	3C	120 mm <sup>2</sup>	0.153 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	39 mm

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BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 3C 185 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	3C	185 mm <sup>2</sup>	0.0991 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	45 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 3C 240 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	3C	240 mm <sup>2</sup>	0.0754 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	49 mm
BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 4C 1.5 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	4C	1.5 mm <sup>2</sup>	12.1 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	20 mm
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BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 4C 10 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	4C	10 mm <sup>2</sup>	1.83 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	24 mm

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BS 6724 XLPE SWA LSZH 0.6/1 kV Armoured power distribution 4C 25 mm <sup>2</sup>	0.6/1 kV	Armoured power distribution	4C	25 mm <sup>2</sup>	0.727 Ω/km	Low smoke, zero halogen armoured cable for public and infrastructure routes	28 mm
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