



BS6724 Copper Conductor SWA LSZH 0.6/1kV



APPLICATION

Designed for use in installations where fire, smoke emission and toxic fumes cause risk to life. Multi-core LSZH cable with steel wire armour (SWA), primarily designed for fixed wiring and energy supply.

CONSTRUCTION

Conductor	Class 2 stranded copper conductor according to BS EN 60228 (previously BS 6360)
Insulation	XLPE (Cross-Linked Polyethylene)
Bedding	LSZH
Armour	SWA (Steel Wire Armour)
Sheath	LSZH

CHARACTERISTICS

Voltage Rating	(U ₀ /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 5core: Green/Yellow Brown Blue Black Grey

CABLE STANDARDS

BS 6724 / IEC 60754-1 & 2
BS EN 50267-2-1 & BS EN/IEC 61034-1
BS EN/IEC 60332-1-2, BS EN/IEC 60332-3-24



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Premier Part No	No of Cores	Nominal Cross Section mm ²	Nominal Insulation Thickness mm ²	Nominal Diameter Under Armour mm ²	Nominal Diameter Overall mm ²	Nominal Weight kg/km	BW/CW Gland
23002X001.5	2	1.5	0.6	7.3	12.1	302	20S
23002X002.5	2	2.5	0.7	8.5	13.6	345	20S
23002X004	2	4.0	0.7	9.4	14.7	410	20S
23002X006	2	6.0	0.7	10.5	15.9	499	20
23002X010	2	10.0	0.7	12.3	18.0	648	20
23002X016	2	16.0	0.7	14.3	20.4	978	20
23002X025	2	25.0	0.9	14.7	21.0	1290	25
23002X035	2	35.0	0.9	16.8	23.3	1500	25
23002X050	2	50.0	1.0	19.0	25.8	1890	25
23002X070	2	70.0	1.1	22.0	29.0	2450	32
23002X095	2	95.0	1.1	25.1	33.1	3300	32
23002X120	2	120.0	1.2	27.9	36.1	4020	40

Premier Part No	No of Cores	Nominal Cross Section mm ²	Nominal Insulation Thickness mm ²	Nominal Diameter Under Armour mm ²	Nominal Diameter Overall mm ²	Nominal Weight kg/km	BW/CW Gland
23003X001.5	3	1.5	0.6	7.8	12.6	330	20
23003X002.5	3	2.5	0.7	9.2	14.1	390	20S
23003X004	3	4.0	0.7	10.0	15.3	464	20S
23003X006	3	6.0	0.7	11.2	16.6	568	20
23003X010	3	10.0	0.7	13.1	19.5	866	20
23003X016	3	16.0	0.7	15.3	21.6	1152	25
23003X025	3	25.0	0.9	18.9	23.6	1800	25
23003X035	3	35.0	0.9	21.3	25.7	2230	32
23003X050	3	50.0	1.0	21.7	28.5	2490	32
23003X070	3	70.0	1.1	25.2	32.2	3290	32
23003X095	3	95.0	1.1	28.8	37.0	4440	40
23003X120	3	120.0	1.2	32.0	40.4	5470	40
23003X150	3	150.0	1.4	35.9	45.5	6930	50S
23003X185	3	185.0	1.6	40.0	49.8	8350	63S
23003X240	3	240.0	1.7	44.9	55.1	10400	63S
23003X300	3	300.0	1.8	49.8	60.2	12600	63S
23003X400	3	400.0	2.0	55.8	66.6	14600	75S



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Premier Part No	No of Cores	Nominal Cross Section mm ²	Nominal Insulation Thickness mm ²	Nominal Diameter Under Armour mm ²	Nominal Diameter Overall mm ²	Nominal Weight kg/km	BW/CW Gland
23004X001.5	4	1.5	0.6	8.5	13.3	365	20S
23004X002.5	4	2.5	0.7	9.9	15.0	438	20
23004X004.0	4	4.0	0.7	11.0	16.4	532	20
23004X006.0	4	6.0	0.7	12.3	18.7	764	20
23004X0010.0	4	10.0	0.7	14.5	21.1	1013	25
23004X0016.0	4	16.0	0.7	17.0	23.4	1360	25
23004X0025.0	4	25.0	0.9	21.0	26.1	2160	32
23004X0035.0	4	35.0	0.9	23.6	28.6	2690	32
23004X0050.0	4	50.0	1.0	25.0	32.0	3130	32
23004X0070.0	4	70.0	1.1	29.5	37.7	4500	40
23004X0095.0	4	95.0	1.1	33.3	41.7	5600	50S
23004X00120.	4	120.0	1.2	37.5	47.1	7400	50
23004X00150.	4	150.0	1.4	41.6	51.4	8780	50
23004X00185.	4	185.0	1.6	46.4	56.6	10630	63S
23004X00240.	4	240.0	1.7	52.6	63.0	1339	63
23004X00300.	4	300.0	1.8	58.0	68.8	16290	75S
23004X00400.	4	400.0	2.0	65.4	78.1	19800	90

Premier Part No	No of Cores	Nominal Cross Section mm ²	Nominal Insulation Thickness mm ²	Nominal Diameter Under Armour mm ²	Nominal Diameter Overall mm ²	Nominal Weight kg/km	BW/CW Gland
23005X001.5	5	1.5	0.6	9.7	14.3	410	20S
23005X002.5	5	2.5	0.7	11.7	16.1	470	20
23005X004	5	4.0	0.7	13.0	17.8	710	20
23005X006	5	6.0	0.7	14.5	20.0	876	25
23005X010	5	10.0	0.7	17.2	22.9	1165	25
23005X016	5	16.0	0.7	20.0	26.6	1742	32
23005X025	5	25.0	0.9	24.7	31.5	2323	32
23005X035	5	35.0	0.9	27.8	34.8	2932	40
23005X050	5	50.0	1.0	32.4	40.4	4192	50S



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Premier Part No	No of Cores	Nominal Cross Section mm ²	Nominal Insulation Thickness mm ²	Nominal Diameter Under Armour mm ²	Nominal Diameter Overall mm ²	Nominal Weight kg/km	BW/CW Gland
23007X001.5	7	1.5	0.6	10.2	15.2	470	20
23007X002.5	7	2.5	0.7	12.3	17.1	600	20
23007X004	7	4.0	0.7	13.6	19.1	881	20

Premier Part No	No of Cores	Nominal Cross Section mm ²	Nominal Insulation Thickness mm ²	Nominal Diameter Under Armour mm ²	Nominal Diameter Overall mm ²	Nominal Weight kg/km	BW/CW Gland
23012X001.5	12	1.5	0.6	13.7	19.4	780	20
23012X002.5	12	2.5	0.7	16.3	22.4	1000	25

Premier Part No	No of Cores	Nominal Cross Section mm ²	Nominal Insulation Thickness mm ²	Nominal Diameter Under Armour mm ²	Nominal Diameter Overall mm ²	Nominal Weight kg/km	BW/CW Gland
23019X001.5	19	1.5	0.6	16.2	22.2	1000	25
23019X002.5	19	2.5	0.7	19.9	26.6	1540	32

Premier Part No	No of Cores	Nominal Cross Section mm ²	Nominal Insulation Thickness mm ²	Nominal Diameter Under Armour mm ²	Nominal Diameter Overall mm ²	Nominal Weight kg/km	BW/CW Gland
23027X001.5	27	1.5	0.6	20	26.7	1500	32
23027X002.5	27	2.5	0.7	24	30.7	1950	32



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Premier Part No	No of Cores	Nominal Cross Section mm ²	Nominal Insulation Thickness mm ²	Nominal Diameter Under Armour mm ²	Nominal Diameter Overall mm ²	Nominal Weight kg/km	BW/CW Gland
23037X001.5	37	1.5	0.6	22.3	29.0	1800	32
23037X002.5	37	2.5	0.7	26.9	33.8	2350	40

For Current Carrying Capacity please refer to the REGULATIONS & STANDARDS section Located on the home page.

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.



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