

XLPE-SCREENED/LSF/AWA/LSF 11KV IEC502 AND BS6622/BS6724

Plain annealed circular compacted copper conductor, semi conducting layer, XLPE - Semi-conducting layer/Copper tape screened/LSF extruded bedded/Aluminium wire armoured/LSF sheathed.6350/11000 volts grade to IEC502 and BS6622/BS6724. Sheath colour: Red

SIZE SQ.MM	RT OF INSULATION MM	NOMINAL DIAMETER OVER COPPER SCREEN MM	RT OF BEDDING MM	DIAMETER OVER BEDDING MM	DIAMETER OF ARMOUR WIRE MM	DIAMETER OVER ARMOUR MM	APPROX OVERALL DIAMETER MM	WEIGHT KG/KM
25	3.4	16.1	1.2	18.8	1.6	22.3	26.2	953
35	3.4	17.3	1.2	20.0	1.6	23.5	27.4	1090
50	3.4	18.5	1.2	21.2	1.6	24.7	28.6	1260
70	3.4	20.2	1.2	22.9	1.6	26.4	30.5	1540
95	3.4	22.3	1.2	25.0	1.6	28.5	32.8	1850
120	3.4	23.5	1.2	26.2	1.6	30.5	34.8	2160
150	3.4	25.0	1.2	27.7	2.0	32.0	36.5	2590
185	3.4	26.8	1.2	29.5	2.0	33.8	38.3	2980
240	3.4	29.1	1.2	31.8	2.0	36.1	40.8	3640
300	3.4	31.6	1.2	34.3	2.0	38.6	43.5	4330
400	3.4	34.4	1.2	37.1	2.5	42.4	47.5	5480
500	3.4	37.6	1.3	40.5	2.5	45.8	51.3	6550
630	3.4	41.5	1.4	44.6	2.5	49.9	55.3	8080

Operating temperature: Maximum 90°C*, Minimum bending -20°C
*Conductor temperature only.

Conductor stranding: Class 2 stranded circular compacted conductors.

Minimum bending radius: 20 x overall diameter.

Combustion characteristics:

HCL emission 0.5% in accordance with BS6425 Part 1.

Low Smoke classification based on 3 metre cube test.

Complete cables comply with the requirements of fire test BSEN50266-1:2001 (previously BS4066 Part 1)



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