

3 CORE XLPE-SCREENED/SWA/LSF 11KV IEC502 & BS6622/BS6724

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

SIZE SQ.MM	RT OF INSULATION MM	NOM DIAM OVER COPPER SCREEN MM	NOM DIAM OVER LAID UP CORES MM	RT OF BEDDING MM	DIAMETER OVER BEDDING MM	DIAMETER OF ARMOUR WIRE MM	DIAMETER OVER ARMOUR MM	NOMINAL OVERALL DIAMETER MM	WEIGHT KG/KM
25	3.4	16.8	36.3	1.3	38.9	2.5	43.9	48.9	4300
35	3.4	17.9	38.7	1.3	41.3	2.5	46.3	51.1	4600
50	3.4	18.8	40.6	1.4	43.4	2.5	48.4	53.6	5400
70	3.4	20.5	44.3	1.4	47.1	2.5	52.1	57.5	6300
95	3.4	22.2	48.0	1.5	51.0	2.5	56.0	61.6	7500
120	3.4	23.7	51.2	1.6	54.4	2.5	59.4	65.4	8700
150	3.4	25.1	54.2	1.6	57.4	2.5	62.4	68.6	9700
185	3.4	26.8	57.9	1.7	61.3	2.5	66.3	72.7	11400
240	3.4	28.8	62.2	1.8	65.8	3.15	72.1	78.9	14300
300	3.4	31.2	67.4	1.9	71.2	3.15	77.5	84.7	16600
400	3.4	34.4	74.3	2.0	78.3	3.15	84.6	92.2	20000

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

Conductor stranding: Class 2 stranded circular compacted conductors.

Minimum bending radius: 13 x overall diameter.

Conductor identification: Coloured tapes under screen. Red, Yellow, Blue.

Combustion characteristics:

Oxygen index 35% (Temperature Index 280°C).

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)

