

3 CORE XLPE-SCREENED/SWA/PVC 11KV IEC502 AND BS6622

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

3 Core XLPE 11KV (Copper)

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	NOMINAL 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.

For current ratings refer to Section D Pages 237-240 Table BEC108

