

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

Plain annealed circular compacted aluminium 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: Black

### 3 Core XLPE 11KV(Aluminium)

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	16.1	34.9	1.3	38.8	2.5	45.3	51.3	4300
35	3.4	17.3	37.5	1.3	41.4	2.5	47.9	53.6	4600
50	3.4	18.5	40.1	1.4	44.2	2.5	50.7	57.7	5200
70	3.4	20.2	43.7	1.4	48.8	2.5	55.3	62.5	6000
95	3.4	22.3	48.3	1.5	53.6	2.5	61.1	66.5	6700
120	3.4	23.5	50.9	1.6	56.4	2.5	63.9	71.5	7700
150	3.4	25.0	54.2	1.6	59.8	2.5	66.3	74.1	8200
185	3.4	26.8	58.0	1.7	63.8	2.5	70.3	78.4	9100
240	3.4	29.1	63.0	1.8	69.0	3.15	77.9	86.4	11500
300	3.4	31.6	68.4	1.9	74.6	3.15	83.6	92.0	12900

**Operating temperature:** Maximum 90°C\*, Minimum bending 0°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.

