

Single & Three Core XLPE 33KV (Copper)

SINGLE CORE XLPE-SCREENED/AWA/PVC 33KV IEC502 & BS6622

Plain annealed circular compacted copper conductor, semi conducting layer, XLPE - Semi-conducting layer/copper tape screened/PVC extruded bedded/Steel wire armoured/PVC sheathed.
19000/33000 volts grade to IEC502 and BS6622. Sheath colour:Red

SIZE SQ.MM	RT OF INSULATION MM	NOM DIAM 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
185	8.0	36.2	1.3	39.2	2.5	44.2	49.5	4000
240	8.0	38.4	1.3	41.4	2.5	46.4	51.7	4700
300	8.0	40.7	1.4	43.9	2.5	48.9	54.4	5500
400	8.0	43.8	1.4	47.2	2.5	52.2	57.3	6400
500	8.0	46.8	1.5	50.3	2.5	55.6	60.6	7600
630	8.0	50.2	1.5	53.6	2.5	58.9	64.2	9100

3 CORE XLPE-SCREENED/SWA/PVC 33KV 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.
19000/33000 volts grade to IEC502 and BS6622. 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
50	8.0	29.9	66.3	1.8	70.9	3.15	78.1	85	10150
70	8.0	31.7	70.1	1.8	74.7	3.15	82.0	89	11350
95	8.0	33.6	74.2	1.9	79.0	3.15	86.3	94	12800
120	8.0	35.2	77.7	2.0	82.7	3.15	89.4	97	14050
150	8.0	36.8	79.5	2.0	85.0	3.15	93.0	101	15350
185	8.0	38.7	83.6	2.1	89.3	3.15	96.7	105	17100
240	8.0	41.3	89.2	2.2	95.1	3.15	102.3	111	19700
300	8.0	43.7	94.4	2.3	100.5	3.15	108.1	117	22300

These figures relate to both Single and Three core cables.

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

Conductor stranding: Class 2 stranded circular compacted conductors.

Minimum bending radius: 20 x overall diameter.

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



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Telephone: +44 (0)121 508 6890

Fax: +44 (0)121 508 6891

Web: www.cablesbritain.com

Email: sales@cablesbritain.com