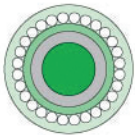


Product Specification

## XLPE INSULATED, PVC SHEATHED ARMOURED CABLES

### CONSTRUCTION

- CONDUCTOR** : Plain annealed copper conductors complying with IEC 60228 class 2.
- INSULATION** : XLPE (cross-linked polyethylene) rated 90°C.
- COLOUR OF CORES** : 1 core - Natural  
 2 cores - Red and Black or (Brown and Blue)  
 3 cores - Red, Yellow and Blue or (Brown, Black and Grey)  
 4 cores - Red, Yellow, Blue and Black or (Brown, Black, Grey and Blue)
- BEDDING** : PVC Compound Type ST2, colour Black
- ARMOUR** : Single core - Aluminium wire  
 : 2, 3 or 4 cores - Galvanized steel wire
- SHEATH** : PVC Compound Type ST2, colour Black



**Cu / XLPE / Aw3 / PVC - 1 Core**

Nominal cross-sectional area	Number and diameter of wire	Thickness of Insulation	Diameter of aluminium wire	Thickness of sheath	Approx. overall diameter	Approx. net weight
sq.mm	No./mm	mm	mm	mm	mm	kg/km
<b>IEC 60502-1 / BS 5467 / MS 2105 600 / 1000 V</b>						
50	19/1.78	1.0	1.25	1.8	18.3	765
70	19/2.14	1.1	1.25	1.8	20.3	980
95	19/2.52	1.1	1.25	1.8	21.7	1260
120	37/2.03	1.2	1.6	1.8	24.7	1600
150	37/2.25	1.4	1.6	1.8	26.5	1900
185	37/2.52	1.6	1.6	1.8	28.7	2350
240	61/2.25	1.7	1.6	1.9	31.4	2990
300	61/2.52	1.8	1.6	1.9	33.8	3750
400	61/2.85	2.0	2.0	2.1	38.9	4780
500	61/3.20	2.2	2.0	2.2	42.6	5900
630	61/3.63	2.4	2.0	2.3	47.6	7400
800	127/2.85	2.6	2.5	2.5	53.1	9550
1000	127/3.20	2.8	2.5	2.7	58.8	11796