

# Split Concentric cable

BS 7870-3.21, BS EN 60228



## APPLICATION

distribution network cable providing the final connection to domestic properties. Also suitable for sub main distribution and street lighting systems.

## CONSTRUCTION

Conductor	Class 2 stranded copper conductor according to BS EN 60228 (previously BS 6360)
Insulation	XLPE (Cross-Linked Polyethylene)
Neutral Conductor	Plain copper wires covered by a blue polymeric compound
Earth Continuity Conductor	Plain copper wires
Sheath	Non-hydroscopic separator PVC (Polyvinyl Chloride)
Voltage Rating (U <sub>o</sub> /U)	600/1000V
Temperature Rating	-15°C to +70°C
Minimum Bending Radius	8 x overall diameter
Sheath Colour	Black

No of Cores	Nominal Cross Sectional Area mm <sup>2</sup>	Nominal O/D mm <sup>2</sup>	Nominal Weight kg/km
1	4	10	190
1	16	14	530
1	25	16	710
3	35	28.5	1900

Nominal Cross Sect. Area mm <sup>2</sup>	Max. DC Resistance of Conductor @ 20°C		
	Phase	Neutral	Earth
4	4.61	4.8	4.8
16	1.15	1.2	1.2
25	0.727	0.76	1.2
35	0.524	0.55	0.76

Nominal Cross Sect. Area mm <sup>2</sup>	Current Carrying Capacity		
	In Air Amps	Clipped Direct Amps	Conduit or in Wall Amps
4	42	41	37
16	100	99	88
25	129	120	110
35	135	130	117

*The information contained within this data sheet is for guidance only.*

*Cable and gland sizes are nominal and may vary according to different manufacturer's tolerances.*

*Every possible effort is made to ensure that the Information contained in this data sheet is correct.*

*However, we reserve the right to change the information or specification at any time in the light of technical developments or revisions.*

*References to or extracts from British Standards, current IEE regulations or other regulatory bodies should be verified with these organisations.*