

Low voltage



Application:

Application	600/1000 V A.C. Electricity distribution cable.
Conductor temperature	Max. 90 °C
Short circuit temperature	Max. 250 °C
Installation temperature	Min. -0 °C
Min. radius of bend	10 x D
Max. pullings tension	Directly on conductor 30 N/mm ² of total conductor cross section.

Construction:

Conductor	95-300 mm ² sector shaped solid aluminium conductor
Insulation	XLPE
Colour of marking of cores	Brown, black, grey (Red, yellow, blue, on request)
Inner sheath	EPDM-rubber
Concentric conductor	Copper waveform wires copper tape applied on 3x300, not on 3x95 & 3x185
Outer sheath	PVC
Colour of sheath	Black

Technical:

Standard	BS 7870 - 3.40
Marking of sheath	ELECTRIC CABLE 1000 V nkt cables "Dimension" "Year" "Metres" (additional text on request)
Rated voltage	1000 V AC between phases
Standard length	250 m.

Technical data (G):

Number of cores and cross section	Insulation thickness	Thickness of sheath	Outer diameter (D)	Approx. weight	Standard length	Diameter of drum
mm ²	mm	m	mm	kg pr. km	m	m
3x95	1.1	2.1	34.6	2600	250	1.5
3x185	1.6	2.5	45.8	5000	250	1.8
3x300	1.8	2.8	54.7	6000	250	2.0