

600/1000 V 3c Service cables with split concentric neutral and earth conductor Al Low voltage



Application:

Application	600/1000 V A.C. Service cable
Conductor temperature	Max. 90 °C
Short circuit temperature	Max. 250 °C
Installation temperature	Min. -10 °C
Min. radius of bend	8 x D
Max. pullings tension	Directly on conductor max 30 N/mm ² of total conductor cross section

Construction:

Conductor	Circular solid aluminum conductor
Insulation	XLPE
Colour marking of core	Brown, black and grey
Neutral conductor	Covered copper wires, blue
Earth conductor	Bare, plain copper wires
Outer sheath	PVC, black

Technical:

Standard	BC 7870-3.21 and HD 603 55
Marking of sheath	ELECTRIC CABLE 600/1000 V BS7870-3.21 nkt cables 3 x "Dimension" AL "Year" "Meters"
Rated voltage	1000 V between phases
Standard length	250 m

Technical properties:

Number of cores and cross-section	Number and diameter of wires in concentric conductor. Neutral.	Number and diameter of wires in concentric conductor. Earth	Insulation thickness	Outer diameter	Approx weight	Standard length	Diameter of drum	Product number
Number x mm ²	Number x mm	Number x mm	mm	mm	kg/km	m	m	
3 x 25	28 x 0,86	11 x 1,38	0,9	24	845	250	0,9	TJX420004
3 x 35	28 x 1,06	7 x 1,79	0,9	25,5	1090	250	0,9	TJX42071