

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



**Application:**

<b>Application</b>	600/1000 V A.C. Service cable
<b>Conductor temperature</b>	Max. 90 °C
<b>Short circuit temperature</b>	Max. 250 °C
<b>Installation temperature</b>	Min. -10 °C
<b>Min. radius of bend</b>	8 x D
<b>Max. pullings tension</b>	Directly on conductor max 50 N/mm <sup>2</sup> of total conductor cross section

**Construction:**

<b>Conductor</b>	Circular stranden copper conductor
<b>Insulation</b>	XLPE
<b>Colour marking of core</b>	Brown, black and grey
<b>Neutral conductor</b>	Covered copper wires, blue
<b>Earth conductor</b>	Bare, plain copper wires
<b>Outer sheath</b>	PVC, black

**Technical:**

<b>Standard</b>	BC 7870-3.21 and HD 603 55
<b>Marking of sheath</b>	ELECTRIC CABLE 600/1000 V BS7870-3.21 nkt cables 3 x "Dimension" "Year" "Meters"
<b>Rated voltage</b>	1000 V between phases
<b>Standard length</b>	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	Diamter of drum	Product number
Number x mm <sup>2</sup>	Number x mm	Number x mm	mm	mm	kg/km	m	m	
3 x 35	23 x 1,38	8 x 2,00	0,9	27	1905	250	0,9	TFX42050

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