

**600/1000 V sc Service cables**  
**with combined neutral and earth conductor AL**  
**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>	10 x D
<b>Max. pullings tension</b>	Directly on conductor max 30 N/mm <sup>2</sup> of total conductor cross section

**Construction:**

<b>Conductor</b>	Circular solid aluminum conductor
<b>Insulation</b>	XLPE
<b>Colour marking of core</b>	Brown, black and grey
<b>Screen</b>	Concentric layer of copper wires
<b>Outer sheath</b>	PVC, black

**Technical:**

<b>Standard</b>	BC 7870-3.11 and HD 603 55
<b>Marking of sheath</b>	ELECTRIC CABLE 600/1000 V BS7870-3.11 nkt cables 1 x "Dimension" AL "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.	Insulation thickness	Outer diameter	Approx weight	Standard length	Diameter of drum	Product number
Number x mm <sup>2</sup>	Number x mm	mm	mm	kg/km	m	m	
1 x 25	24 x 0,86	0,9	12,5	330	250	0,6	TJX42068
1 x 35	33 x 0,86	0,9	13,5	380	250	0,6	TJX42069