### 600/1000 V three-core Waveform cables AL







## **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/mm² of total conductor cross section.

#### **Construction:**

**Conductor** 95-300 mm<sup>2</sup> 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.

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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

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