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Cables for Energy Networks
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CU/XLPE/SC/AWA/PVC

6,35/11 kV XLPE insulated aluminium wire armoured, single core cables with copper conductor

Description

Application:

These are cables with low dielectric losses used in energy networks with sudden load changes where mechanical stresses expected. Laid in residential or industrial areas, underground or in ducts.

Construction:

1. Conductor:copper
2. Conductor screen:Semi-conducting compound(XLPE)
3. Insulation:XLPE
4. Insulation screen:Semi-conducting compound(XLPE)
5. Semi-conducting tape:Crape paper
6. Metallic screen:Concentric / copper wires + copper tape
7. Separation sheath:PVC
8. Wire armour:Single layer aluminium wire
9. Outer sheath:PVC

Standards

National BS 6622

Marking:

ELECTRIC CABLE 11000 V BS 6622 NEXANS 1x70/16 2012 (Meter)

Characteristics

Usage characteristics	
Packaging	Reel
Operating temperature, range	-20 .. 60 °C
Maximum operating temperature	90 °C
Short-circuit max. conductor temperature	250 °C
Flame retardant	IEC 60332-1&3
Bending factor when laying	15 (xD)

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-20 .. 60 °C

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Flame retardant
IEC 60332-1&3

Bending factor when laying
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