BS6622 - 6.35/11kv single core AWA

Single core armoured cable with XLPE insulation. Rated voltage 6.35/11 KV (Um=12kV)

Description

Electric cable with copper conductor, semiconductive conductor screen, XLPE insulation, semiconductive insulation screen, copper metallic screen on each core, PVC bedding, aluminium wires armour (AWA), PVC outer sheath

Application

for energy networks where mechanical stesses are expected. Suitable for underground installation or in ducts

Note: the cable is suitable for rated voltage 6/10 KV (Um=12kV) according to IEC 60502-2

Standards

International IEC 60502-2

National BS 6622

Characteristics

Construction characteristics	
Conductor material	Copper
Conductor shape	Circular
Conductor flexibility	Stranded class 2
Material of the inner semi-conductor	XLPE-SC
Insulation	XLPE (chemical)
Material of the external semi-conductor	Extruded strippable
Screen	Copper tape
Inner sheath	PVC
Armour type	Aluminium Wire
Outer sheath	PVC
Colour	Red
Lead free	Yes
Halogen free	No


Conductor flexibility
Stranded class 2

Lead free
Yes

Halogen free
No


Rated Voltage Uo/U (Um)
6.35 / 11 kV


Max. conductor temperature in service
90 °C


Flame retardant
Yes

Contact
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Electrical characteristics	
Rated Voltage Uo/U (Um)	6.35 / 11 kV
Usage characteristics	
Max. conductor temperature in service	90 °C
Short-circuit max. conductor temperature	250 °C
Flame retardant	Yes

Selling information

On request the cables could be produced with suitable cross-section of metallic screen to meet the requirements of the customers. Please contact us for more information. The permissible current ratings are provided for informative purpose only.

Conductor flexibility	Lead free	Halogen free	Rated Voltage Uo/U (Um)	Max. conductor temperature in service	Flame retardant
Stranded class 2	Yes	No	6.35 / 11 kV	90 °C	Yes