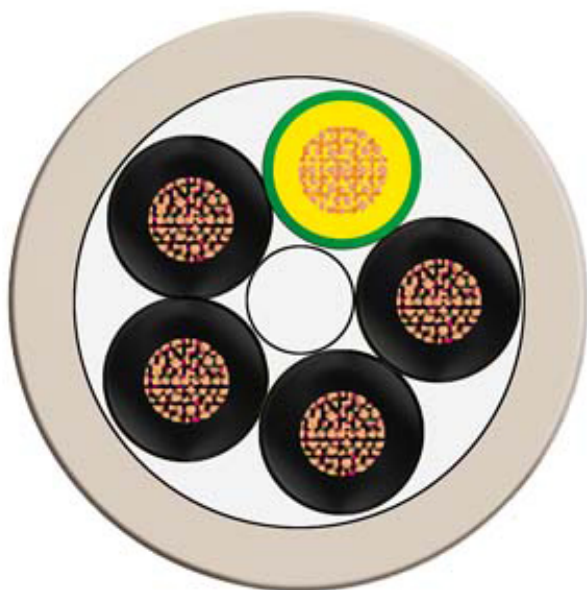




SIMATIC NET ENERGY CABLE,
5-WIRE ENERGY CABLE, LITZ WIRE,
5 X 1.5 SQMM,
TRAILING TYPE MAX. CONSIGNMENT: 1000 M,
MIN. LENGTH ORDERED: 20 M SOLD BY THE METER

[nicht versorgt: TAK_ABR691_001_000]

Insulation resistance coefficient	1 GΩ·m
Operating voltage	
• RMS value	600 V
Conductor cross section / of the power wires	1.5 mm²
Continuous current / of the power wires	16 A

Mechanical data

Number of electrical wires	5
Design of the electrical connection / FastConnect	No
Outer diameter	
• of the inner conductor	1.55 mm
• of the wire insulation	2.73 mm
• of the cable sheath	10.5 mm
Symmetrical tolerance of outer diameter / of cable sheath	0.3 mm
Bending radius	
• with single bend / minimum permissible	27 mm
• with multiple bends / minimum permissible	63 mm
Traction stress / maximum	500 N
Weight per length	149 kg/km

Permitted ambient conditions

Ambient temperature

• during operating	-40 ... +80 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
• during installation	-40 ... +80 °C

Product properties, functions, components / general

Product feature	
• halogen-free	No
• [not supplied - silicon-free]	Yes

Standards, specifications, approvals

Verification of suitability	
• CE mark	Yes
• RoHS conformity	Yes
Marine classification association	
• American Bureau of Shipping Europe Ltd. (ABS)	No
• Bureau Veritas (BV)	No
• Det Norske Veritas (DNV)	No
• Germanische Lloyd (GL)	No
• Lloyds Register of Shipping (LRS)	No
• Nippon Kaiji Kyokai (NK)	No
• Polski Rejestr Statkow (PRS)	No

letzte Änderung: Jul 17, 2012