



Shipboard low voltage cable

MarineLine+ YOZp FR 0,6/1 kV

Article number: 26303

28-07-2017

Description5 x 1,5 mm²

Tinned copper wire braided Fire Resistant low voltage power cables for power and lighting applications in all ship areas, with extruded filler for heavy duty applications, giving the cable optimal roundness and making sealing in cable transits easier. High abrasion resistant sheath and easily strippable with the ripcord. Halogen-Free, low smoke, flame retardant and fire resistant in fire conditions.

**Trading information**

Product group	Shipboard low voltage cable
Series	Shipboard cable
Type	MarineLine+ YOZp FR 0,6/1 kV
Net. Weight	0,278 kg/m
Sheath marking	{Length} TKF - 5X1,5 - 0,6/1 kV - CS 90 - mbzh - MarineLine+ YOZp FR HALOGEN FREE - FIRE RESISTANT {Batch}

Trade lengths

Reel à 1	(26303 / 8713182101350)
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Construction characteristics

Standardization	IEC 60092-350/-360/-353
Standardization conductor material	IEC 60228
Standardization sheath material	IEC 60092-360
Number of cores	5
Conductor material	Cu
Shape of conductor	Round
Core insulation	Mica + XLPE
Conductor category	Class 2 = stranded
Core identification	HD 308 S2
Core lay-up	Concentric layers
Binder/filler	FRNC filler
Screening	Yes
Construction outer shield	tinned copper braiding
Material outer sheath	Flame Retardant Halogen Free Polyolefin Compound
Colour outer sheath	Orange



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Properties

Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A
Halogen free	IEC 60754-1/2
Low smoke	IEC 61034-2
Insulation integrity in accordance with IEC 60331	Yes
Nominal cross section conductor	1.5 mm ²
Outer diameter approx.	13.3 mm
Diameter conductor	1.75 mm
Insulation thickness	0.7 mm
Diameter over braiding	10.9 mm
Diameter shield wires	0.2 mm
Nominal outer sheath thickness	1.2 mm
Min. bending radius after installation	54 mm
Min. bending radius during installation	95 mm
Tensile load	113 N

Technical characteristics

Test voltage	3500 V
Nominal voltage U ₀	0.6 kV
Nominal voltage U	1 kV
Conductor DC resistance @ 20°C	12.1 Ohm/km
Conductor AC resistance @ max. cont. Conductor temp.	15 Ohm/km
Inductance	0.307 mH/km
Capacity	37 nF/km
Maximum conductor temperature	90 °C
Permitted cable outer temperature, in movement	-20 / 70 °C
Permitted cable outer temperature, fixed	-40 / 70 °C