



Data and communication cable

MarineCom YOZc X-FR 250 V

Article number: 26524

02-10-2026

Description

20 x 2 x 0,75 mm²

* This image may differ from the actual product.

Trading information

Product group	Data and communication cable
Type	MarineCom YOZc X-FR 250 V
Net. Weight	0,883 kg/m
Sheath marking	{Length} 0000 TKF - MarineCom YOZc X-FR 250V - 20x2x0,75 mm ² +90 ° C - LSHF - IEC 60092-376, 60332-3-22, 60331-1 - {Batch}



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Construction characteristics

Standardization	IEC 60092-350/-360/-376
Number of cores	40
Nominal cross section conductor	0,75 mm ²
Conductor material	Copper
Conductor surface	Bare
Conductor category	Class 2 = stranded
Standardization conductor material	IEC 60228
Number of stranding elements	20
Number of conductors per group	2
Core lay-up	Concentric layers
Material core insulation	Mica + XLHFFR
Core identification	Numbers
Binder/filler	Polyester tape
Screen over stranding	Braiding
Construction outer shield	Tinned copper braiding
Material outer sheath	Flame Retardant Halogen Free Polyolefin Compound
Standardization sheath material	IEC 60092-360
Colour outer sheath	Orange



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Properties

Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A
Fire resistant	IEC 60331-1/2
Flame retardant according to IEC 60332-3-22 (Cat A)	Yes
Halogen free	IEC 60754-1/2
Low smoke	IEC 61034-2
UV resistant	Yes
UV protection	NEN EN 50289-4-17A
UV rating	Limited / Test duration 720 ≤ h <2000
Diameter conductor	1,08 mm
Insulation thickness	0,6 mm
Diameter shield wires	0,3 mm
Diameter over braiding	24,6 mm
Nominal outer sheath thickness	1,6 mm
Outer diameter approx.	27,8 mm

Technical characteristics

Min. bending radius during installation	278 mm
Min. permitted bending radius, stationary application/permanent installation	223 mm
Tensile load	450 N
Max. permitted conductor temperature	90 °C
Permitted cable outer temperature during assembling/handling	-20 / 50 °C
Permitted cable outer temperature after assembling without vibration	-40 / 70 °C
Transportation and storage temperature	-40 / 50 °C



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Electrical characteristics

Nominal voltage U	250 V
Test voltage	1.500 V
Conductor DC resistance @ 20°C	26 Ohm/km
Conductor AC resistance @ max. cont. Conductor temp.	33,2 Ohm/km
Capacity	65 nF/km
Inductance	0,331 mH/km