



Data and communication cable

MarineCom+ YOZc 250 V

Article number: 17390

02-10-2026

Description2 x 2 x 0,75 mm² (Quad)**Application:**

Braided, halogen-free communication cable for control, instrumentation, telecommunication, and data transmission on board ships, where extra mechanical and EMI protection is necessary.

Characteristics (properties):

- Stranded conductors according to IEC 60228 class 2.
- Corrosion-resistant braiding of tinned copper wire for a long cable lifespan.
- The XLPE insulation and variable twist lengths of the pairs ensure perfect electrical properties and low capacitance for minimal signal loss.
- Halogen-free and low smoke emission in case of fire.
- Excellent fire-retardant properties.
- High abrasion resistance of the sheath.
- Standard available with grey outer sheath.

Core identification:

- Pairs: Numbered white and blue.
- Triples: Numbered white, blue, and red.



* This image may differ from the actual product.

Trading information

Product group	Data and communication cable
Type	MarineCom+ YOZc 250 V
Net. Weight	0,197 kg/m
Sheath marking	{Length} 0000 TKF - MarineCom+ YOZc 250V - 2x2x0,75 (Quad) mm ² +90 ° C - LSHF - IEC 60092-376, 60332-3-22 - {Batch}



Data and communication cable

MarineCom+ YOZc 250 V

Article number: 17390

02-10-2026

Trade lengths

Minimal order

	(17390 / 8713182481513)	1000 MTR
Reel à 5000	(17390H X 5000/250 / 8713182481520)	0 PCE

Construction characteristics

Standardization	IEC 60092-350/-360/-376
Number of cores	4
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	2
Number of conductors per group	2
Core lay-up	Concentric layers
Material core insulation	Crosslinked polyethylene (XLPE)
Core identification	Numbers
Binder/filler	FRNC filler
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	Grey



Data and communication cable

MarineCom+ YOZc 250 V

Article number: 17390

02-10-2026

Properties

Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A
Flame retardant according to IEC 60332-1-2	Yes
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
Diameter conductor	1,08 mm
Insulation thickness	0,5 mm
Diameter shield wires	0,2 mm
Diameter over braiding	8,9 mm
Nominal outer sheath thickness	1 mm
Outer diameter approx.	10,9 mm

Technical characteristics

Min. bending radius during installation	77 mm
Min. permitted bending radius, stationary application/permanent installation	66 mm
Tensile load	45 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



Data and communication cable

MarineCom+ YOZc 250 V

Article number: 17390

02-10-2026

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	60 nF/km
Inductance	0,331 mH/km