Power cable >= 1 kV, for permanent installation

MarineFlex YZp 0,6/1 kV

Article number: 16528 | 02-10-2026

Description

3 x 2,5 mm²

* This image may differ from the actual product.

Trading information

Product group	Power cable >= 1 kV, for permanent installation
Type	MarineFlex YZp 0,6/1 kV
Net. Weight	0,122 kg/m
Sheath marking	{Length} 0000 TKF - MarineFlex YZp 0,6/1 kV - 3x2,5 mm² +90 ° C - LSHF - IEC 60092-353, 60332-3-22 - {Batch}

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Construction characteristics

Standardization	IEC 60092-350/-360/-353
Number of cores	3
Nominal cross section conductor	2,5 mm²
Conductor material	Copper
Conductor surface	Bare
Standardization conductor material	IEC 60228
Shape of conductor	Round
Conductor category	Class 5 = flexible
Material core insulation	Crosslinked polyethylene (XLPE)
Core identification	Colours and numbers
Conductor coding in accordance with HD 308 S2	Yes
Colour insulated wires	Brown - Black - Grey
Material outer sheath	Flame Retardant Halogen Free Polyolefin Compound
Colour outer sheath	Black
Diameter conductor	2,2 mm
Insulation thickness	0,7 mm
Nominal outer sheath thickness	1,1 mm
Outer diameter approx.	9,5 mm

Properties

Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A
Halogen free	IEC 60754-1/2
Low smoke	IEC 61034-2
UV resistant	Yes
UV protection	NEN EN 50289-4-17A
UV rating	Very good / Test duration >= 6000 h

Subject to technical modifications | No rights can be derived from this information

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Technical characteristics

Min. bending radius during installation	67 mm
Min. permitted bending radius, stationary application/permanent installation	38 mm
Tensile load	113 N
Max. permitted conductor temperature	90 °C
Transportation and storage temperature	-40 / 50 °C
Permitted cable outer temperature during assembling/handling	-20 / 50 °C
Permitted cable outer temperature after assembling without vibration	-40 / 70 °C

Electrical characteristics

Nominal voltage U0	0,6 kV
Nominal voltage U	1 kV
Test voltage	3,5 kV
Conductor DC resistance @ 20°C	7,41 Ohm/km
Conductor AC resistance @ max. cont. Conductor temp.	9,448 Ohm/km
Capacity	42 nF/km
Inductance	0,279 mH/km

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