

Power cable ≥ 1 kV, for permanent installation

MarineFlex YZp X-FR 0,6/1 kV

Article number: 27266

02-10-2026

Description

4 G 95 mm²

* This image may differ from the actual product.

Trading information

Product group	Power cable ≥ 1 kV, for permanent installation
Type	MarineFlex YZp X-FR 0,6/1 kV
Net. Weight	4,621 kg/m
Sheath marking	{Length} 0000 TKF - MarineFlex YZp X-FR 0,6/1 kV - 4G95 mm ² +90 ° C - LSHF - IEC 60092-353, 60332-3-22, 60331-1 - {Batch}

Construction characteristics

Standardization	IEC 60092-350/-360/-353
Number of cores	4
Nominal cross section conductor	95 mm ²
Conductor material	Copper
Conductor surface	Bare
Standardization conductor material	IEC 60228
Shape of conductor	Round
Conductor category	Class 5 = flexible

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Construction characteristics

Material core insulation	Mica + XLHFFR
Core identification	Colours and numbers
Conductor coding in accordance with HD 308 S2	Yes
Colour insulated wires	Green/Yellow - Brown - Black - Grey
Protective conductor	Yes
Number of PE conductors	1
Nominal cross section PE conductor	95 mm ²
Binder/filler	FRNC filler
Material outer sheath	Flame Retardant Halogen Free Polyolefin Compound
Colour outer sheath	Orange
Ripcord	Yes
Diameter conductor	12,4 mm
Insulation thickness	1,1 mm
Outer diameter approx.	42 mm

Properties

Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A
Fire resistant	IEC 60331-1/2
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 $\leq$ h $<$ 2000



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Technical characteristics

Min. bending radius during installation	294 mm
Min. permitted bending radius, stationary application/permanent installation	252 mm
Tensile load	5.700 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 U ₀	0,6 kV
Nominal voltage U	1 kV
Test voltage	3,5 kV
Conductor DC resistance @ 20°C	0,206 Ohm/km
Conductor AC resistance @ max. cont. Conductor temp.	0,263 Ohm/km
Capacity	86 nF/km
Inductance	0,198 mH/km