Power cable >= 1 kV, for permanent installation

MarineWire Zp 0,6/1 kV

Article number: 160270 | 02-10-2026

Description

95 mm² Green/Yellow

Application:

MarineWire Zp 0,6/1 kV halogen-free earthing & power wires are used for wiring switchboards, control panels, and cabinets in all ship areas. Extra flexible Class 5/6 conductors for improved flexibility.

Characteristics (properties):

- Class 5/6 conductors, unarmoured
- Easy installation in tight spaces due to flexible conductors
- Halogen-free, low smoke, flame retardant insulation
- Green/Yellow sheath. Different colors on request
- DC voltage: 0,9/1,5 kV (if voltage to earth does not exceed 0,9 kV)

Core identification:

- HD308 S2

* This image may differ from the actual product.

PRODUCED WITH 100% GREEN ENERGY

Trading information

Product group	Power cable >= 1 kV, for permanent installation
Type	MarineWire Zp 0,6/1 kV
Net. Weight	0,847 kg/m
Sheath marking	{0000} {Length} TKF - MarineWire Zp 0.6/1 kV - 95 mm² +90 ° C - LSHF - IEC 60092-353, 60332-3-22 - {Batch}

Trade lengths

		Minimal order
	(160270 / 8713182396718)	1000 MTR

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Construction characteristics

Standardization	IEC 60092-350/-360/-353
Number of cores	1
Nominal cross section conductor	95 mm²
Conductor material	Copper
Conductor surface	Bare
Standardization conductor material	IEC 60228
Shape of conductor	Round
Conductor category	Class 6 = very flexible
Material core insulation	XLHFFR - HF90
Core identification	Colour
Colour insulated wires	Green/Yellow
Diameter conductor	12,6 mm
Insulation thickness	1,1 mm
Outer diameter approx.	14,8 mm

Properties

Flame retardant	IEC 60332-3-22 Cat. A
Halogen free	IEC 60754-1/2

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Technical characteristics

Min. bending radius during installation	118 mm
Min. permitted bending radius, stationary application/permanent installation	59 mm
Tensile load	1.425 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 / 90 °C

Electrical characteristics

Nominal voltage U0	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