Power cable >= 1 kV, for permanent installation

MarineWire Zp 0,6/1 kV

Article number: 160263 | 02-10-2026

Description

6 mm² Green/Yellow

* This image may differ from the actual product.

PRODUCED WITH 100% GREEN ENERGY

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

Trading information

Product group	Power cable >= 1 kV, for permanent installation
Type	MarineWire Zp 0,6/1 kV
Net. Weight	0,061 kg/m
Sheath marking	{0000} {Length} TKF - MarineWire Zp 0,6/1 kV - 6 mm² +90 ° C - LSHF - IEC 60092-353, 60332-3-22 - {Batch}

Trade lengths

		Minimal order
	(160263 / 8713182396657)	1 MTR

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Construction characteristics

Standardization	IEC 60092-350/-360/-353
Number of cores	1
Nominal cross section conductor	6 mm²
Conductor material	Copper
Conductor surface	Bare
Standardization conductor material	IEC 60228
Shape of conductor	Round
Conductor category	Class 5 = flexible
Material core insulation	XLHFFR - HF90
Core identification	Colour
Core colour	Green/Yellow
Colour insulated wires	Green/Yellow
Diameter conductor	3,19 mm
Insulation thickness	0,7 mm
Outer diameter approx.	4,6 mm

Properties

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

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

Spinnerstraat 15 | P.O. Box 6 | 7481 KJ Haaksbergen | Nederland | Phone: +31 (0)53 573 22 55 | E-mail: info@tkf.nl

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Technical characteristics

Min. bending radius during installation	37 mm
Min. permitted bending radius, stationary application/permanent installation	18 mm
Tensile load	90 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	3,3 Ohm/km
Conductor AC resistance @ max. cont. Conductor temp.	4,21 Ohm/km

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