



MarineMultiFlex BOQp 0,6/1 kV

23-09-2020

Properties

Application:

Lightweight, armoured, double screened, low voltage power cables for power and lighting applications in all ship areas. Applicable where repeated bending and working in harsh environments is required, like azipod drives, powering underwater dredger motors and use in cable chains.

Characteristics:

- Class 5 conductors
- Filled cable to facilitate optimal sealing in cable transits
- Halogen free and low smoke, flame retardant
- Tinned copper wire braid armouring
- High abrasion resistance due to PUR outer sheath and a special combined EMI screening for use in frequency drive applications
- Different colour outer sheaths, other than black, available on request

Core identification:

- HD308 S2



Specifications

Product group	Power cable ≥ 1 kV, for permanent installation
Type	MarineMultiFlex BOQp 0,6/1 kV
Standardization	IEC 60092-350/-360/-353
Conductor material	Copper
Conductor surface	Tinned
Standardization conductor material	IEC 60228
Conductor category	Class 5 = flexible
Core insulation	Rubber
Screening	Yes
Material outer sheath	PUR (Polyurethane)
Colour outer sheath	Black



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Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A
Halogen free	IEC 60754-1
Low smoke	IEC 61034-2
Permitted cable outer temperature, in movement	-20 / 70 °C
Permitted cable outer temperature, fixed	-40 / 70 °C
Max. conductor temperature	90 °C
Nominal voltage U0	0.6 kV
Nominal voltage U	1 kV
Test voltage	3.5 kV

2 products

Part number	Construction G=Y/G	Shape of conductor	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
17349	3 x 50 mm ²	Round	3,293		42,9	2250
17351	3 x 95 mm ²	Round	5,174		52,9	4275