

Low voltage cables

MarineFlex YOZp EMC 0,6/1 kV

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Low voltage cables

Properties**Application:**

Lightweight, armoured, flexible low voltage power cables for power and lighting applications in all ship areas where EMC protection is needed.

Characteristics:

- Class 5 conductors
- Easy installation in tight spaces due to flexible conductors
- Halogen free and low smoke, flame retardant in fire conditions
- Combined screen of copper-pet tape and tinned copper wire braid for optimal screening
- Different outer sheaths, other than black, available on request

Core identification:

- HD308 S2

**Specifications**

Type	MarineFlex YOZp EMC 0,6/1 kV
Product group	Shipboard low voltage cable
Standardization	IEC 60092-350/-351/-353
Conductor material	Cu
Shape of conductor	Round
Core insulation	XLPE
Conductor category	Class 5 = flexible
Core identification	HD 308 S2
Construction outer shield	EMC-screen consists of copper/PETtape and (CU) braiding
Material outer sheath	Flame Retardant Halogen Free Polyolefin Compound
Colour outer sheath	Black
Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A
Halogen free	IEC 60754-1/2
Maximum conductor temperature	90 °C
Permitted cable outer temperature, in movement	-20 / 70 °C
Permitted cable outer temperature, fixed	-40 / 70 °C

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Partnumber	Construction	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
17198	3 x 35 mm ²	1,726	113	28.3	1575
55902	3 x 35 mm ²	2,357	126	31.3	1845
17217	4 x 35 mm ²	2,146	124	31	2100
17199	3 x 50 mm ²	2,246	127	31.8	2250
17178	3 x 70 mm ²	3,205	148	37	3150
17183	4 G 70 mm ²	3,992	162	41	4200
17218	1 x 95 mm ²	1,116	75	18.8	1425
17195	3 x 95 mm ²	3,903	165	41.3	4275
17214	4 x 95 mm ²	5,432	181	45.3	5700
17213	3 x 120 mm ²	5,010	182	45.4	5400
55903	3 x 120 mm ²	5,836	194	48.5	5400
17216	3 x 150 mm ²	6,129	200	50.1	6750
17194	1 x 185 mm ²	2,004	101	25.3	2775