

## Low voltage cables

# MarineFlex YZp 0,6/1 kV

1

Low voltage cables

### Properties

#### Application:

Lightweight, unarmoured, flexible low voltage power cables for power and lighting applications in all ship areas.

#### Characteristics:

- Class 5 conductors
- Easy installation in tight spaces due to flexible conductors
- Halogen free and low smoke, flame retardant in fire conditions
- Excellent abrasion resistance
- Different outer sheaths, other than black, available on request

#### Core identification:

- HD308 S2



### Specifications

Type	MarineFlex YZp 0,6/1 kV
Product group	Shipboard low voltage cable
Colour outer sheath	Black
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
Material outer sheath	Flame Retardant Halogen Free Polyolefin Compound
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

## Low voltage cables

## MarineFlex YZp 0,6/1 kV

1

Low voltage cables

## 36 products

Partnumber	Construction	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16525	3 x 1.5 mm <sup>2</sup>	0,094	34	8.6	68
16526	4 x 1.5 mm <sup>2</sup>	0,116	38	9.4	90
16527	2 x 2.5 mm <sup>2</sup>	0,101	36	9	75
16528	3 x 2.5 mm <sup>2</sup>	0,134	40	10	113
16529	4 x 2.5 mm <sup>2</sup>	0,168	44	10.9	150
16538	4 x 4 mm <sup>2</sup>	0,229	49	12.2	240
16488	1 x 16 mm <sup>2</sup>	0,187	36	8.9	375
16486	2 x 16 mm <sup>2</sup>	0,390	64	16.1	720
16447	3 x 16 mm <sup>2</sup>	0,545	64	17.3	720
16484	4 x 16 mm <sup>2</sup>	0,721	76	19	720
16537	1 x 25 mm <sup>2</sup>	0,288	44	10.6	375
16482	3 x 25 mm <sup>2</sup>	0,860	80	21.2	1125
16090	1 x 35 mm <sup>2</sup>	0,373	48	11.9	525
16091	2 x 35 mm <sup>2</sup>	1,117	93	23.3	1050
16092	3 x 35 mm <sup>2</sup>	1,460	103	25.8	1575
16438	4 x 35 mm <sup>2</sup>	1,889	116	28.9	2100
16093	1 x 50 mm <sup>2</sup>	0,503	54	13.4	750
16094	3 x 50 mm <sup>2</sup>	1,950	118	29.4	2250
16439	4 x 50 mm <sup>2</sup>	2,517	132	33.1	3000
16095	1 x 70 mm <sup>2</sup>	0,684	62	15.6	1050
16096	3 x 70 mm <sup>2</sup>	2,704	137	34.3	3150
16440	4 x 70 mm <sup>2</sup>	3,467	152	37.9	4200
16097	1 x 95 mm <sup>2</sup>	0,910	70	17.4	1425
16098	3 x 95 mm <sup>2</sup>	3,491	153	38.2	4275
16441	4 x 95 mm <sup>2</sup>	4,458	168	42.1	5700
16099	1 x 120 mm <sup>2</sup>	1,150	78	19.2	1800
16100	3 x 120 mm <sup>2</sup>	4,447	170	42.6	5400
16442	4 x 120 mm <sup>2</sup>	5,692	170	42.6	5400
16101	1 x 150 mm <sup>2</sup>	1,427	86	21.4	2250
16102	3 x 150 mm <sup>2</sup>	5,498	190	47.4	6750
16103	1 x 185 mm <sup>2</sup>	1,731	94	23.6	2775
16104	3 x 185 mm <sup>2</sup>	6,599	208	52.1	8325
16105	1 x 240 mm <sup>2</sup>	2,339	107	26.8	3600
16106	3 x 240 mm <sup>2</sup>	8,891	236	59	10800
15983	4 x 240 mm <sup>2</sup>	11,407	263	65.8	14400
16107	1 x 300 mm <sup>2</sup>	2,870	123	30.8	4500