

## Low voltage cables

# MarineFlex YOZp 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.

#### 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

Product group	Shipboard low voltage cable
Type	MarineFlex YOZp 0,6/1 kV
Standardization	IEC 60092-350/-360/-353
Conductor material	Cu
Shape of conductor	Round
Core insulation	XLPE (VPE)
Conductor category	Class 5 = flexible
Core identification	HD 308 S2
Construction outer shield	tinned copper 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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## 43 products

Part number	Construction	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16190	Ja= G ; x mm <sup>2</sup>	0,422			
16483	3 x 16 mm <sup>2</sup>	0,915	86	21.6	720
16485	4 x 16 mm <sup>2</sup>	1,126	94	23.6	960
16487	2 x 25 mm <sup>2</sup>	1,106	97	24.2	750
16543	3 x 25 mm <sup>2</sup>	1,327	103	25.1	1125
16491	4 x 25 mm <sup>2</sup>	1,620	112	28	1500
16456	2 x 35 mm <sup>2</sup>	1,382	106	26.6	1050
16191	3 x 35 mm <sup>2</sup>	1,699	113	28.2	1575
16192	4 x 35 mm <sup>2</sup>	2,121	124	30.9	2100
16523	4 G 35 mm <sup>2</sup>	2,091	124	30.9	2100
16193	1 x 50 mm <sup>2</sup>	0,590	60	15	750
16194	3 x 50 mm <sup>2</sup>	2,217	127	31.7	2250
16195	4 x 50 mm <sup>2</sup>	2,727	140	35	3000
17790	4 G 50 mm <sup>2</sup>	2,727	139	34.7	3000
16473	5 G 50 mm <sup>2</sup>	3,411	155	38.7	3750
16196	1 x 70 mm <sup>2</sup>	0,812	69	17.2	1050
16197	3 x 70 mm <sup>2</sup>	3,137	146	36.5	3150
16198	4 x 70 mm <sup>2</sup>	3,936	162	40.4	4200
16524	4 G 70 mm <sup>2</sup>	3,936	162	40.4	4200
16474	5 G 70 mm <sup>2</sup>	4,831	178	44.6	5250
16199	1 x 95 mm <sup>2</sup>	1,023	75	18.8	1425
16522	2 x 95 mm <sup>2</sup>	3,201	154	38.4	2850
16200	3 x 95 mm <sup>2</sup>	3,965	165	41.2	4275
16201	4 x 95 mm <sup>2</sup>	4,989	181	45.2	5700
16490	4 G 95 mm <sup>2</sup>	4,989	181	45.2	5700
16475	5 G 95 mm <sup>2</sup>	6,129	199	49.8	7125
16202	1 x 120 mm <sup>2</sup>	1,284	83	20.8	1800
16203	3 x 120 mm <sup>2</sup>	4,938	181	45.3	5400
16443	4 x 120 mm <sup>2</sup>	6,218	200	49.9	7200
16476	4 G 120 mm <sup>2</sup>	6,219	200	49.9	7200
16477	5 G 120 mm <sup>2</sup>	7,678	220	55.1	9000
16204	1 x 150 mm <sup>2</sup>	1,579	92	23	2250
16205	3 x 150 mm <sup>2</sup>	6,012	200	50	6750
16539	4 x 150 mm <sup>2</sup>	7,692	220	55.1	9000
17791	4 G 150 mm <sup>2</sup>	7,610	220	55.1	9000
16206	1 x 185 mm <sup>2</sup>	1,897	101	25.2	2775
16207	3 x 185 mm <sup>2</sup>	7,192	216	54	8325
16479	4 x 185 mm <sup>2</sup>	9,131	240	59.9	11100
16478	4 G 185 mm <sup>2</sup>	9,126	240	59.9	11100
16208	1 x 240 mm <sup>2</sup>	2,514	114	28.5	3600
16209	3 x 240 mm <sup>2</sup>	9,462	247	61.7	10800
15998	4 x 240 mm <sup>2</sup>	12,062	274	68.4	14400
16455	1 x 300 mm <sup>2</sup>	3,063	125	31.3	4500