

Low voltage cables

MarineLine YOZp 0,6/1 kV

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Low voltage cables

Properties

Application:

Lightweight, armoured, reduced diameter low voltage power cables for power and lighting applications in all ship areas.

Characteristics:

- Class 2 conductors
- Lightweight, reduced diameter
- 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	MarineLine YOZp 0,6/1 kV
Construction outer shield	tinned copper braiding
Standardization	IEC 60092-350/-360/-353
Conductor material	Cu
Shape of conductor	Product dependent
Core insulation	XLPE (VPE)
Conductor category	Class 2 = stranded
Core identification	HD 308 S2
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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Part number	Construction	Shape of conductor	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16586	5 G 4 mm ²	Round	0,353	58	14.4	300
16133	1 x 6 mm ²	Round	0,114	29	7.2	90
16134	2 x 6 mm ²	Round	0,217	48	11.9	180
16135	3 x 6 mm ²	Round	0,281	50	12.6	270
17800	3 x 6 mm ²	Round	0,295	54	13.4	270
16136	4 x 6 mm ²	Round	0,390	59	14.8	360
16566	5 x 6 mm ²	Round	0,471	64	16.1	450
16089	7 x 6 mm ²	Round	0,604	70	17.5	630
15997	3 G 6 mm ²	Round	0,282	52	13	270
16480	5 G 6 mm ²	Round	0,471	64	16.1	450
16109	7 G 6 mm ²	Round	0,604	71	17.6	630
16137	1 x 10 mm ²	Round	0,156	32	7.9	150
16138	2 x 10 mm ²	Round	0,302	54	13.5	300
16139	3 x 10 mm ²	Round	0,443	60	15.1	450
16140	4 x 10 mm ²	Round	0,557	67	16.7	600
16489	5 x 10 mm ²	Round	0,678	67	18.3	600
16534	3 G 10 mm ²	Round	0,443	60	15.2	450
15993	4 G 10 mm ²	Round	0,578	67	16.8	600
16108	5 G 10 mm ²	Round	0,686	67	18.3	600
16141	1 x 16 mm ²	Round	0,216	36	9.1	240
16142	2 x 16 mm ²	Round	0,470	66	16.5	480
16143	3 x 16 mm ²	Round	0,634	70	17.5	720
16144	4 x 16 mm ²	Round	0,807	77	19.3	960
16535	3 G 16 mm ²	Round	0,634	70	17.6	720
15994	4 G 16 mm ²	Round	0,807	77	19.4	960
15996	5 G 16 mm ²	Round	0,993	85	21.2	1200
16145	1 x 25 mm ²	Round	0,318	44	10.9	375
16146	2 x 25 mm ²	Round	0,700	80	20.1	750
16147	3 x 25 mm ²	Round	0,947	85	21.9	1125
16148	4 x 25 mm ²	Round	1,227	94	23.6	1500
16158	1 x 35 mm ²	Round	0,465	53	13.2	525
16157	2 x 35 mm ²	Round	0,914	94	23.4	1050
16149	3 x 35 mm ²	Sector-shaped	1,278	86	21.6	1575
16426	4 x 35 mm ²	Sector-shaped	1,675	95	23.8	2100
16436	5 G 35 mm ²	Round	2,033	121	30.2	2625
16401	1 x 50 mm ²	Round	0,591	59	14.7	750
16150	3 x 50 mm ²	Sector-shaped	1,686	96	23.9	2250
16427	4 x 50 mm ²	Sector-shaped	2,153	107	26.8	3000
16402	1 x 70 mm ²	Round	0,805	66	16.6	1050
16151	3 x 70 mm ²	Sector-shaped	2,360	112	28	3150
16403	1 x 95 mm ²	Round	1,076	75	18.7	1425
16152	3 x 95 mm ²	Sector-shaped	3,170	128	32.1	4275
16404	1 x 120 mm ²	Round	1,333	82	20.5	1800
16153	3 x 120 mm ²	Sector-shaped	4,001	142	35.5	5400
16405	1 x 150 mm ²	Round	1,633	90	22.6	2250
16154	3 x 150 mm ²	Sector-shaped	4,932	159	39.7	6750
16183	4 x 150 mm ²	Sector-shaped	6,434	181	45.3	9000
16406	1 x 185 mm ²	Round	2,048	101	25.3	2775