

Low voltage cables

MarineLine YZp FR 0,6/1 kV

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Low voltage cables

Properties**Application:**

Lightweight, fire resistant, unarmoured, 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
- Fire resistant according IEC 60331
- Different outer sheaths, other than orange, available on request

Core identification:

- HD308 S2

**Specifications**

Product group	Shipboard low voltage cable
Type	MarineLine YZp FR 0,6/1 kV
Colour outer sheath	Orange
Standardization	IEC 60092-350/-360/-353
Conductor material	Cu
Shape of conductor	Round
Core insulation	Mica + XLPE
Conductor category	Class 2 = stranded
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

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34 products

Part number	Construction	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
26001	2 x 1.5 mm ²	0,076	34	8.5	45
26002	3 x 1.5 mm ²	0,098	36	9	68
26003	4 x 1.5 mm ²	0,122	39	9.8	90
26004	5 x 1.5 mm ²	0,147	43	10.7	113
26006	7 x 1.5 mm ²	0,191	47	11.8	158
26009	12 x 1.5 mm ²	0,312	63	15.8	270
26011	19 x 1.5 mm ²	0,482	78	19.4	428
26013	27 x 1.5 mm ²	0,663	91	22.7	608
26080	3 G 1.5 mm ²	0,098	36	9	68
26081	4 G 1.5 mm ²	0,121	39	9.8	90
26082	5 G 1.5 mm ²	0,147	43	10.7	113
26017	2 x 2.5 mm ²	0,102	39	9.7	75
26018	3 x 2.5 mm ²	0,134	41	10.3	113
26019	4 x 2.5 mm ²	0,172	46	11.4	150
26020	5 x 2.5 mm ²	0,211	50	12.5	188
26022	7 x 2.5 mm ²	0,269	54	13.6	263
26084	3 G 2.5 mm ²	0,133	41	10.3	113
26085	4 G 2.5 mm ²	0,172	46	11.4	150
26086	5 G 2.5 mm ²	0,211	50	12.5	188
26024	2 x 4 mm ²	0,135	42	10.5	120
26025	3 x 4 mm ²	0,179	43	10.7	180
26026	4 x 4 mm ²	0,234	48	11.9	240
26028	2 x 6 mm ²	0,187	51	12.8	180
26029	3 x 6 mm ²	0,253	54	13.6	270
26030	4 x 6 mm ²	0,332	60	15.1	360
26032	2 x 10 mm ²	0,273	56	13.9	300
26033	3 x 10 mm ²	0,376	59	14.8	450
26034	4 x 10 mm ²	0,487	65	16.2	600
26036	2 x 16 mm ²	0,397	63	15.8	480
26037	3 x 16 mm ²	0,565	68	17	720
26038	4 x 16 mm ²	0,733	75	18.7	960
26041	3 x 25 mm ²	0,895	84	21	1125
26042	4 x 25 mm ²	1,155	93	23.3	1500
26063	1 x 150 mm ²	1,534	86	21.5	2250