

Low voltage cables

MarineLine YZp X-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 1/2
- Different outer sheaths, other than orange, available on request

Core identification:

- HD308 S2



Specifications

Type	MarineLine YZp X-FR 0,6/1 kV
Product group	Shipboard low voltage cable
Colour outer sheath	Orange
Standardization	IEC 60092-350/-351/-353
Conductor material	Cu
Shape of conductor	Product dependent
Core insulation	Mica + XLHFFR
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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84 products

Partnumber	Construction	Shape of conductor	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
27000	1 x 1.5 mm ²	Round	0,048	23	5.8	23
27001	2 x 1.5 mm ²	Round	0,099	40	9.9	45
27002	3 x 1.5 mm ²	Round	0,128	42	10.5	68
27003	4 x 1.5 mm ²	Round	0,160	46	11.5	90
27004	5 x 1.5 mm ²	Round	0,201	51	12.8	113
27005	6 x 1.5 mm ²	Round	0,238	56	13.9	135
27006	7 x 1.5 mm ²	Round	0,254	56	13.9	158
27007	8 x 1.5 mm ²	Round	0,290	52	13	180
27008	10 x 1.5 mm ²	Round	0,363	63	15.7	225
27009	12 x 1.5 mm ²	Round	0,417	59	14.8	270
27010	16 x 1.5 mm ²	Round	0,551	68	16.9	360
27011	19 x 1.5 mm ²	Round	0,636	73	18.2	428
27012	24 x 1.5 mm ²	Round	0,832	103	25.6	540
27013	27 x 1.5 mm ²	Round	0,892	110	27.4	608
27014	30 x 1.5 mm ²	Round	0,983	113	28.3	675
27015	37 x 1.5 mm ²	Round	1,196	125	31.2	833
27080	3 G 1.5 mm ²	Round	0,128	42	10.5	68
27081	4 G 1.5 mm ²	Round	0,160	47	11.7	90
27082	5 G 1.5 mm ²	Round	0,199	51	12.8	113
27083	7 G 1.5 mm ²	Round	0,261	56	14.1	158
27016	1 x 2.5 mm ²	Round	0,061	25	6.3	38
27017	2 x 2.5 mm ²	Round	0,125	44	10.9	75
27018	3 x 2.5 mm ²	Round	0,165	46	11.5	113
27019	4 x 2.5 mm ²	Round	0,215	51	12.8	150
27020	5 x 2.5 mm ²	Round	0,263	56	14.1	188
27021	6 x 2.5 mm ²	Round	0,310	61	15.3	225
27022	7 x 2.5 mm ²	Round	0,336	61	15.3	263
27084	3 G 2.5 mm ²	Round	0,170	38	9.5	113
27085	4 G 2.5 mm ²	Round	0,214	51	12.8	150
27086	5 G 2.5 mm ²	Round	0,270	46	11.6	188
27087	7 G 2.5 mm ²	Round	0,336	61	15.3	263
27023	1 x 4 mm ²	Round	0,079	27	6.8	60
27024	2 x 4 mm ²	Round	0,164	48	11.9	120
27025	3 x 4 mm ²	Round	0,223	51	12.8	180
27026	4 x 4 mm ²	Round	0,286	56	14	240
27088	3 G 4 mm ²	Round	0,227	51	12.8	180
27089	4 G 4 mm ²	Round	0,288	56	14	240
27027	1 x 6 mm ²	Round	0,102	30	7.4	90
27028	2 x 6 mm ²	Round	0,214	53	13.2	180
27029	3 x 6 mm ²	Round	0,291	56	14	270
27030	4 x 6 mm ²	Round	0,381	62	15.6	360
27090	3 G 6 mm ²	Round	0,291	57	14.2	270
27091	4 G 6 mm ²	Round	0,384	62	15.6	360
27031	1 x 10 mm ²	Round	0,143	32	8.1	150
27032	2 x 10 mm ²	Round	0,306	59	14.7	300
27033	3 x 10 mm ²	Round	0,432	63	15.8	450
27034	4 x 10 mm ²	Round	0,561	70	17.4	600