

Low voltage cables

1

MarineLine YZp 0,6/1 kV

Low voltage cables

Properties

Application:

Lightweight, 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
- Excellent abrasion resistance
- Different outer sheaths, other than black, available on request

Core identification:

- HD308 S2



Specifications

Type	MarineLine YZp 0,6/1 kV
Product group	Shipboard low voltage cable
Core identification	HD 308 S2
Standardization	IEC 60092-350/-351/-353
Conductor material	Cu
Shape of conductor	Product dependent
Core insulation	XLPE
Conductor category	Class 2 = stranded
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

Low voltage cables

MarineLine YZp 0,6/1 kV

1

Low voltage cables

87 products

Partnumber	Construction	Shape of conductor	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16560	2 x 1 mm ²	Round	0,055	30	7.4	30
16000	1 x 1.5 mm ²	Round	0,036	20	4.9	23
16001	2 x 1.5 mm ²	Round	0,067	32	7.9	45
16002	3 x 1.5 mm ²	Round	0,086	34	8.5	68
16003	4 x 1.5 mm ²	Round	0,111	37	9.3	90
16004	5 x 1.5 mm ²	Round	0,136	40	10.1	113
16005	6 x 1.5 mm ²	Round	0,161	45	11.2	135
16006	7 x 1.5 mm ²	Round	0,171	45	11.2	158
16007	8 x 1.5 mm ²	Round	0,220	52	13	180
16008	10 x 1.5 mm ²	Round	0,250	62	15.6	225
16009	12 x 1.5 mm ²	Round	0,287	59	14.8	270
16010	16 x 1.5 mm ²	Round	0,370	68	16.9	360
16011	19 x 1.5 mm ²	Round	0,434	72	18.1	428
16012	24 x 1.5 mm ²	Round	0,540	81	20	540
15999	27 x 1.5 mm ²	Round	0,599	85	21.2	608
15969	3 G 1.5 mm ²	Round	0,086	34	8.5	68
15970	4 G 1.5 mm ²	Round	0,111	37	9.3	90
15971	5 G 1.5 mm ²	Round	0,135	40	10.1	113
15972	7 G 1.5 mm ²	Round	0,171	45	11.2	158
16013	1 x 2.5 mm ²	Round	0,047	21	5.3	38
16014	2 x 2.5 mm ²	Round	0,094	36	9	75
16015	3 x 2.5 mm ²	Round	0,123	38	9.5	113
16016	4 x 2.5 mm ²	Round	0,154	42	10.4	150
16017	5 x 2.5 mm ²	Round	0,195	46	11.5	188
16018	7 x 2.5 mm ²	Round	0,248	50	12.6	263
15973	3 G 2.5 mm ²	Round	0,123	38	9.5	113
15974	4 G 2.5 mm ²	Round	0,154	42	10.4	150
15975	5 G 2.5 mm ²	Round	0,195	46	11.5	188
15976	7 G 2.5 mm ²	Round	0,250	50	12.6	263
16019	1 x 4 mm ²	Round	0,064	24	5.9	60
16020	2 x 4 mm ²	Round	0,126	40	10.1	120
16021	3 x 4 mm ²	Round	0,170	43	10.7	180
16022	4 x 4 mm ²	Round	0,221	48	11.9	240
16561	5 x 4 mm ²	Round	0,272	53	13.1	240
17752	1 G 4 mm ²	Round	0,064	24	5.9	60
15977	3 G 4 mm ²	Round	0,169	43	10.7	180
15978	4 G 4 mm ²	Round	0,221	48	11.9	240
16559	5 G 4 mm ²	Round	0,272	53	12.9	240
16023	1 x 6 mm ²	Round	0,084	26	6.4	90
16024	2 x 6 mm ²	Round	0,175	46	11.4	180
16025	3 x 6 mm ²	Round	0,237	48	12.1	270
16026	4 x 6 mm ²	Round	0,303	53	13.2	360
17352	19 x 6 mm ²	Round	1,315	160	26.6	1710
16563	5 x 6 mm ²	Round	0,380	59	14.7	450
17753	1 G 6 mm ²	Round	0,086	26	6.4	90
15979	3 G 6 mm ²	Round	0,236	48	12.1	270
15980	4 G 6 mm ²	Round	0,303	53	13.2	360

Low voltage cables

MarineLine YZp 0,6/1 kV

Partnumber	Construction	Shape of conductor	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
15967	5 G 6 mm ²	Round	0,380	59	14.7	450
16027	1 x 10 mm ²	Round	0,127	29	7.2	150
16028	2 x 10 mm ²	Round	0,255	52	12.9	300
16029	3 x 10 mm ²	Round	0,354	55	13.8	450
16030	4 x 10 mm ²	Round	0,465	61	15.2	600
16564	5 x 10 mm ²	Round	0,575	68	17	750
17353	19 x 10 mm ²	Round	2,062	187	31.1	2850
17754	1 G 10 mm ²	Round	0,123	29	7.2	150
15981	3 G 10 mm ²	Round	0,354	55	13.8	450
15982	4 G 10 mm ²	Round	0,466	61	15.2	600
16031	1 x 16 mm ²	Round	0,178	33	8.2	240
16032	2 x 16 mm ²	Round	0,374	60	15.1	480
16033	3 x 16 mm ²	Round	0,524	64	16	720
16034	4 x 16 mm ²	Round	0,691	71	17.8	960
16565	5 x 16 mm ²	Round	0,859	79	19.8	1200
16568	4 G 16 mm ²	Round	0,710	71	17.9	960
15968	5 G 16 mm ²	Round	0,859	79	19.8	1200
16035	1 x 25 mm ²	Round	0,281	40	10.1	375
16036	2 x 25 mm ²	Round	0,595	75	18.7	750
16037	3 x 25 mm ²	Round	0,847	80	20.3	1125
16038	4 x 25 mm ²	Round	1,097	89	22.3	1500
16558	5 G 25 mm ²	Round	1,386	99	25.0	1875
16039	1 x 35 mm ²	Round	0,370	47	11.8	525
16040	2 x 35 mm ²	Round	0,797	88	22.5	1050
16048	3 x 35 mm ²	Sector-shaped	1,179	83	20.8	1575
16041	1 x 50 mm ²	Round	0,499	53	13.2	750
16049	3 x 50 mm ²	Sector-shaped	1,557	94	23.4	2250
16042	1 x 70 mm ²	Round	0,707	62	15.4	1050
16050	3 x 70 mm ²	Sector-shaped	2,194	108	27.1	3150
16043	1 x 95 mm ²	Round	0,951	70	17.5	1425
16051	3 x 95 mm ²	Sector-shaped	2,997	125	31.3	4275
16044	1 x 120 mm ²	Round	1,201	78	19.5	1800
16052	3 x 120 mm ²	Sector-shaped	3,677	139	34.7	5400
17755	1 G 120 mm ²	Round	1,244	78	19.5	1800
16045	1 x 150 mm ²	Round	1,485	86	21.5	2250
16053	3 x 150 mm ²	Sector-shaped	4,558	152	37.9	6750
16046	1 x 185 mm ²	Round	1,882	96	24	2775
16054	3 x 185 mm ²	Sector-shaped	5,648	164	41	8325
16047	1 x 240 mm ²	Round	2,390	162	27	3600
16055	3 x 240 mm ²	Sector-shaped	7,498	190	47.6	10800