

# Marine & Offshore

## MarineLine YZp 0,6/1 kV

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

High abrasion resistant sheath and easily strippable with ripcord.

Halogen-free and low-smoke , flame-retardant in fire conditions.

Different sheath colours available on request.

Characteristics	Properties	Unit
Product group	Low voltage marine cables	
Series	Marine Cable	
Type	MarineLine YZp 0,6/1 kV	
Standardization	IEC 60092-350/-351/-353	
Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A	
Conductor material	Cu	
Standardization conductor material	IEC 60228	
Conductor category	Class 2	
Shape of conductor	Article dependant, see detail sheet	
Core insulation	XLPE	
Core identification	HD 308 S2	
Binder/filler	Polyester tape	
Material outer sheath	Flame Retardant Halogen Free Polyolefin Compound	
Colour outer sheath	Black	
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
Test voltage	3500	V
Maximum conductor temperature	90	°C
Installation temperature	-20 / 70	°C
Operating temperature	-40 / 70	°C
Specification	See appendix	




Partnumber	Construction	Shape of conductor	Colour outer sheath	Net weight (kg/km)	Bending radius after installation (mm)	Outer diameter approx. (mm)	Tensile load (N)
15969	3 G 1,5 mm <sup>2</sup>	round	black	92	34	8,5	68
15970	4 G 1,5 mm <sup>2</sup>	round	black	114	37	9,3	90
15971	5 G 1,5 mm <sup>2</sup>	round	black	137	40	10,1	113
15972	7 G 1,5 mm <sup>2</sup>	round	black	180	45	11,2	158
16000	1 x 1,5 mm <sup>2</sup>	round	black	36	20	4,9	23
16001	2 x 1,5 mm <sup>2</sup>	round	black	68	32	7,9	45
16002	3 x 1,5 mm <sup>2</sup>	round	black	92	34	8,5	68
16003	4 x 1,5 mm <sup>2</sup>	round	black	114	37	9,3	90
16004	5 x 1,5 mm <sup>2</sup>	round	black	137	40	10,1	113
16005	6 x 1,5 mm <sup>2</sup>	round	black	169	45	11,2	135
16006	7 x 1,5 mm <sup>2</sup>	round	black	180	45	11,2	158
16007	8 x 1,5 mm <sup>2</sup>	round	black	223	52	13	180
16008	10 x 1,5 mm <sup>2</sup>	round	black	303	62	15,6	225
16009	12 x 1,5 mm <sup>2</sup>	round	black	292	59	14,8	270
16010	16 x 1,5 mm <sup>2</sup>	round	black	385	68	16,9	360
16011	19 x 1,5 mm <sup>2</sup>	round	black	443	72	18,1	428



Partnumber	Construction	Shape of conductor	Colour outer sheath	Net weight (kg/km)	Bending radius after installation (mm)	Outer diameter approx. (mm)	Tensile load (N)
16012	24 x 1,5 mm <sup>2</sup>	round	black	584	81	20,2	540
15999	27 x 1,5 mm <sup>2</sup>	round	black	608	85	21,2	608
15973	3 G 2,5 mm <sup>2</sup>	round	black	125	38	9,5	113
15974	4 G 2,5 mm <sup>2</sup>	round	black	155	42	10,4	150
15975	5 G 2,5 mm <sup>2</sup>	round	black	195	46	11,5	188
15976	7 G 2,5 mm <sup>2</sup>	round	black	251	50	12,6	263
16013	1 x 2,5 mm <sup>2</sup>	round	black	47	21	5,3	38
16014	2 x 2,5 mm <sup>2</sup>	round	black	96	36	9	75
16015	3 x 2,5 mm <sup>2</sup>	round	black	125	38	9,5	113
16016	4 x 2,5 mm <sup>2</sup>	round	black	155	42	10,4	150
16017	5 x 2,5 mm <sup>2</sup>	round	black	195	46	11,5	188
16018	7 x 2,5 mm <sup>2</sup>	round	black	251	50	12,6	263
15977	3 G 4 mm <sup>2</sup>	round	black	178	43	10,7	180
15979	3 G 4 mm <sup>2</sup>	round	black	247	48	12,1	180
15978	4 G 4 mm <sup>2</sup>	round	black	232	48	11,9	240
16019	1 x 4 mm <sup>2</sup>	round	black	65	24	5,9	60
16020	2 x 4 mm <sup>2</sup>	round	black	132	40	10,1	120
16021	3 x 4 mm <sup>2</sup>	round	black	178	43	10,7	180
16022	4 x 4 mm <sup>2</sup>	round	black	232	48	11,9	240
15980	4 G 6 mm <sup>2</sup>	round	black	317	53	13,2	360
16023	1 x 6 mm <sup>2</sup>	round	black	87	26	6,4	90
16024	2 x 6 mm <sup>2</sup>	round	black	181	46	11,4	180
16025	3 x 6 mm <sup>2</sup>	round	black	247	48	12,1	270
16026	4 x 6 mm <sup>2</sup>	round	black	317	53	13,2	360
15981	3 G 10 mm <sup>2</sup>	round	black	376	55	13,8	450
16027	1 x 10 mm <sup>2</sup>	round	black	128	29	7,2	150
16028	2 x 10 mm <sup>2</sup>	round	black	265	52	12,9	300
16029	3 x 10 mm <sup>2</sup>	round	black	375	55	13,8	450
16030	4 x 10 mm <sup>2</sup>	round	black	488	61	15,2	600
16031	1 x 16 mm <sup>2</sup>	round	black	188	33	8,2	240
16032	2 x 16 mm <sup>2</sup>	round	black	394	60	15,1	480
16033	3 x 16 mm <sup>2</sup>	round	black	555	64	16	720
16034	4 x 16 mm <sup>2</sup>	round	black	733	71	17,8	960
16035	1 x 25 mm <sup>2</sup>	round	black	290	40	10,1	375
16036	2 x 25 mm <sup>2</sup>	round	black	606	75	18,7	750
16037	3 x 25 mm <sup>2</sup>	round	black	868	80	20	1125
16038	4 x 25 mm <sup>2</sup>	round	black	1147	89	22,3	1500
16039	1 x 35 mm <sup>2</sup>	round	black	387	47	11,8	525
16040	2 x 35 mm <sup>2</sup>	round	black	807	88	22,1	1050
16048	3 x 35 mm <sup>2</sup>	Sector-shaped	black	1255	83	20,8	1575
16041	1 x 50 mm <sup>2</sup>	round	black	516	53	13,2	750

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16049	3 x 50 mm <sup>2</sup>	Sector-shaped	black	1623	94	23,4	2250
16042	1 x 70 mm <sup>2</sup>	round	black	726	62	15,4	1050
16050	3 x 70 mm <sup>2</sup>	Sector-shaped	black	2218	108	27,1	3150
16043	1 x 95 mm <sup>2</sup>	round	black	993	70	17,5	1425
16051	3 x 95 mm <sup>2</sup>	Sector-shaped	black	3076	125	31,3	4275
16044	1 x 120 mm <sup>2</sup>	round	black	1238	78	19,5	1800
16052	3 x 120 mm <sup>2</sup>	Sector-shaped	black	3817	139	34,7	5400
16045	1 x 150 mm <sup>2</sup>	round	black	1511	86	21,5	2250
16053	3 x 150 mm <sup>2</sup>	Sector-shaped	black	4776	152	37,9	6750
16046	1 x 185 mm <sup>2</sup>	round	black	1897	96	24	2775
16054	3 x 185 mm <sup>2</sup>	Sector-shaped	black	5850	164	41	8325
16047	1 x 240 mm <sup>2</sup>	round	black	2446	162	27	3600
16055	3 x 240 mm <sup>2</sup>	Sector-shaped	black	7676	190	47,6	10800