



MarineLine YZp 0,6/1 kV

11-12-2019

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



Core identification:

- HD308 S2

Specifications

Product group	Power cable ≥ 1 kV, for permanent installation
Type	MarineLine YZp 0,6/1 kV
Standardization	IEC 60092-350/-360/-353
Conductor material	Copper
Conductor surface	Bare
Standardization conductor material	IEC 60228
Conductor category	Class 2 = stranded
Core insulation	XLPE (VPE)
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
Low smoke	IEC 61034-2
Permitted cable outer temperature, in movement	-20/70 °C
Permitted cable outer temperature, fixed	-40/70 °C



MarineLine YZp 0,6/1 kV

11-12-2019

Specifications

Max. conductor temperature	90 °C
Nominal voltage U0	0.6 kV
Nominal voltage U	1 kV
Test voltage	3500kV

84 products

Part number	Construction	Shape of conductor	Colour outer sheath	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16560	2 x 1 mm ²	Round	Black	0,055		7,3	30
16000	1 x 1,5 mm ²	Round	Black	0,036		4,9	23
16001	2 x 1,5 mm ²	Round	Black	0,068		7,9	45
17428	2 x 1,5 mm ²	Round	Black	0,067		7,9	45
16002	3 x 1,5 mm ²	Round	Black	0,092		8,1	68
16003	4 x 1,5 mm ²	Round	Black	0,114		9,3	90
16004	5 x 1,5 mm ²	Round	Black	0,143		10,1	113
16005	6 x 1,5 mm ²	Round	Black	0,169		10,9	135
16006	7 x 1,5 mm ²	Round	Black	0,175		11,2	158
16007	8 x 1,5 mm ²	Round	Black	0,233		13	180
16008	10 x 1,5 mm ²	Round	Black	0,261		14,2	225
16009	12 x 1,5 mm ²	Round	Black	0,296		14,8	270
16010	16 x 1,5 mm ²	Round	Black	0,382		16,9	360
16011	19 x 1,5 mm ²	Round	Black	0,448		18,0	428
16012	24 x 1,5 mm ²	Round	Black	0,557		20	540
15999	27 x 1,5 mm ²	Round	Black	0,618		21,2	608
15969	3 G 1,5 mm ²	Round	Black	0,084		8,0	68
15970	4 G 1,5 mm ²	Round	Black	0,114		9,3	90
15971	5 G 1,5 mm ²	Round	Black	0,143		10,1	113
15972	7 G 1,5 mm ²	Round	Black	0,184		11,2	158
16013	1 x 2,5 mm ²	Round	Black	0,047		5,3	38



MarineLine YZp 0,6/1 kV

11-12-2019

84 products

Part number	Construction	Shape of conductor	Colour outer sheath	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16014	2 x 2,5 mm ²	Round	Black	0,094		9	75
17429	2 x 2,5 mm ²	Round	Black	0,094		9	75
16015	3 x 2,5 mm ²	Round	Black	0,123		9,5	113
16016	4 x 2,5 mm ²	Round	Black	0,153		10,4	150
16017	5 x 2,5 mm ²	Round	Black	0,200		11,5	188
17401	6 x 2,5 mm ²	Round	Black	0,241		12,7	225
16018	7 x 2,5 mm ²	Round	Black	0,254		12,6	263
15973	3 G 2,5 mm ²	Round	Black	0,123		9,4	113
15974	4 G 2,5 mm ²	Round	Black	0,156		10,4	150
15975	5 G 2,5 mm ²	Round	Black	0,203		11,5	188
15976	7 G 2,5 mm ²	Round	Black	0,255		12,6	263
16019	1 x 4 mm ²	Round	Black	0,063		5,9	60
16020	2 x 4 mm ²	Round	Black	0,126		10,1	120
17430	2 x 4 mm ²	Round	Black	0,126		9,9	120
16021	3 x 4 mm ²	Round	Black	0,169		10,7	180
16022	4 x 4 mm ²	Round	Black	0,222		11,9	240
16561	5 x 4 mm ²	Round	Black	0,279		13,1	240
15977	3 G 4 mm ²	Round	Black	0,169		10,7	180
15978	4 G 4 mm ²	Round	Black	0,222		11,9	240
16559	5 G 4 mm ²	Round	Black	0,279		12,9	240
16023	1 x 6 mm ²	Round	Black	0,086		6,4	90
16024	2 x 6 mm ²	Round	Black	0,178		11,4	180
17431	2 x 6 mm ²	Round	Black	0,171		11,2	180
16025	3 x 6 mm ²	Round	Black	0,242		11,8	270
16026	4 x 6 mm ²	Round	Black	0,313		13	360
17352	19 x 6 mm ²	Round	Black	1,349		26,6	1710
16563	5 x 6 mm ²	Round	Black	0,397		14,7	450



MarineLine YZp 0,6/1 kV

11-12-2019

84 products

Part number	Construction	Shape of conductor	Colour outer sheath	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
15979	3 G 6 mm ²	Round	Black	0,240		12,1	270
15980	4 G 6 mm ²	Round	Black	0,311		13,2	360
15967	5 G 6 mm ²	Round	Black	0,397		14,7	450
16027	1 x 10 mm ²	Round	Black	0,127		7,2	150
16028	2 x 10 mm ²	Round	Black	0,265		12,9	300
16029	3 x 10 mm ²	Round	Black	0,374		13,8	450
16030	4 x 10 mm ²	Round	Black	0,485		15,2	600
16564	5 x 10 mm ²	Round	Black	0,602		17	750
17353	19 x 10 mm ²	Round	Black	2,106		31,1	2850
15981	3 G 10 mm ²	Round	Black	0,366		13,8	450
15982	4 G 10 mm ²	Round	Black	0,485		15,2	600
17426	5 G 10 mm ²	Round	Black	0,603		16,6	750
16031	1 x 16 mm ²	Round	Black	0,179		8,2	240
16032	2 x 16 mm ²	Round	Black	0,378		15,1	480
16033	3 x 16 mm ²	Round	Black	0,529		16	720
16034	4 x 16 mm ²	Round	Black	0,701		17,8	960
16565	5 x 16 mm ²	Round	Black	0,885		19,8	1200
16568	4 G 16 mm ²	Round	Black	0,698		17,9	960
15968	5 G 16 mm ²	Round	Black	0,876		19,8	1200
16035	1 x 25 mm ²	Round	Black	0,275		10,1	375
16036	2 x 25 mm ²	Round	Black	0,583		18,7	750
16037	3 x 25 mm ²	Round	Black	0,830		20,3	1125
16038	4 x 25 mm ²	Round	Black	1,078		22,3	1500
16558	5 G 25 mm ²	Round	Black	1,370		25,0	1875
16039	1 x 35 mm ²	Round	Black	0,370		11,8	525
16040	2 x 35 mm ²	Round	Black	0,797		22,5	1050
16041	1 x 50 mm ²	Round	Black	0,502		13,2	750



MarineLine YZp 0,6/1 kV

11-12-2019

84 products

Part number	Construction	Shape of conductor	Colour outer sheath	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16049	3 x 50 mm ²	Sector-shaped	Black	1,534		23,4	2250
16042	1 x 70 mm ²	Round	Black	0,709		15,4	1050
16043	1 x 95 mm ²	Round	Black	0,963		17,5	1425
16051	3 x 95 mm ²	Sector-shaped	Black	2,936		31,3	4275
16044	1 x 120 mm ²	Round	Black	1,200		19,5	1800
16052	3 x 120 mm ²	Sector-shaped	Black	3,664		34,7	5400
16045	1 x 150 mm ²	Round	Black	1,507		21,5	2250
16046	1 x 185 mm ²	Round	Black	1,882		24	2775
16047	1 x 240 mm ²	Round	Black	2,411		27	3600