



MarineLine YOZp 0,6/1 kV

11-12-2019

Properties

Application:

Lightweight, armoured, 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
- Tinned copper wire braid armouring
- 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 YOZp 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)
Screening	Yes
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



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Specifications

Permitted cable outer temperature, in movement	-20/70 °C
Permitted cable outer temperature, fixed	-40/70 °C
Max. conductor temperature	90 °C
Nominal voltage U0	0.6 kV
Nominal voltage U	1 kV
Test voltage	3500kV

90 products

Part number	Construction	Shape of conductor	Colour outer sheath	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16110	1 x 1,5 mm ²	Round	Black	0,067		5,6	23
16111	2 x 1,5 mm ²	Round	Black	0,104		8,7	45
16112	3 x 1,5 mm ²	Round	Black	0,129		9,1	68
16113	4 x 1,5 mm ²	Round	Black	0,151		9,9	90
16114	5 x 1,5 mm ²	Round	Black	0,188		10,7	113
16115	6 x 1,5 mm ²	Round	Black	0,216		11,8	135
16116	7 x 1,5 mm ²	Round	Black	0,223		11,8	158
16118	10 x 1,5 mm ²	Round	Black	0,346		15,4	225
16119	12 x 1,5 mm ²	Round	Black	0,387		16,1	270
16120	16 x 1,5 mm ²	Round	Black	0,505		17,8	360
16121	19 x 1,5 mm ²	Round	Black	0,571		19,3	428
16430	20 x 1,5 mm ²	Round	Black	0,591		20	450
16122	24 x 1,5 mm ²	Round	Black	0,681		21,1	540
16159	27 x 1,5 mm ²	Round	Black	0,760		22,7	608
16185	37 x 1,5 mm ²	Round	Black	0,980		26,1	833
15984	3 G 1,5 mm ²	Round	Black	0,125		9,1	68
15985	4 G 1,5 mm ²	Round	Black	0,151		9,9	90
15986	5 G 1,5 mm ²	Round	Black	0,189		10,7	113
15991	6 G 1,5 mm ²	Round	Black	0,219		11,8	135



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Part number	Construction	Shape of conductor	Colour outer sheath	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
15995	7 G 1,5 mm ²	Round	Black	0,226		11,8	158
16595	10 G 1,5 mm ²	Round	Black	0,355		15,2	225
16574	12 G 1,5 mm ²	Round	Black	0,403		15,9	270
16597	14 G 1,5 mm ²	Round	Black	0,442		16,8	315
16599	19 G 1,5 mm ²	Round	Black	0,574		19,6	428
16600	24 G 1,5 mm ²	Round	Black	0,705		21	540
16123	1 x 2,5 mm ²	Round	Black	0,078		6,1	38
16124	2 x 2,5 mm ²	Round	Black	0,130		9,7	75
16125	3 x 2,5 mm ²	Round	Black	0,160		10,2	113
16126	4 x 2,5 mm ²	Round	Black	0,201		11,2	150
16127	5 x 2,5 mm ²	Round	Black	0,245		12,2	188
16128	7 x 2,5 mm ²	Round	Black	0,301		13,2	263
16567	10 x 2,5 mm ²	Round	Black	0,470		17,8	375
16437	12 x 2,5 mm ²	Round	Black	0,532		18,3	450
16429	19 x 2,5 mm ²	Round	Black	0,779		21,7	713
16540	24 x 2,5 mm ²	Round	Black	0,952		24	900
15987	3 G 2,5 mm ²	Round	Black	0,160		10,2	113
15988	4 G 2,5 mm ²	Round	Black	0,205		11,2	150
15989	5 G 2,5 mm ²	Round	Black	0,245		12,2	188
16572	7 G 2,5 mm ²	Round	Black	0,341		14	263
16596	10 G 2,5 mm ²	Round	Black	0,470		17,8	375
16573	12 G 2,5 mm ²	Round	Black	0,543		18,3	450
16598	14 G 2,5 mm ²	Round	Black	0,615		19,6	525
16129	1 x 4 mm ²	Round	Black	0,093		6,6	60
16130	2 x 4 mm ²	Round	Black	0,168		10,7	120
16131	3 x 4 mm ²	Round	Black	0,217		11,5	180
16132	4 x 4 mm ²	Round	Black	0,270		12,5	240



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Part number	Construction	Shape of conductor	Colour outer sheath	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16536	3 G 4 mm ²	Round	Black	0,217		11,5	180
15992	4 G 4 mm ²	Round	Black	0,270		12,5	240
16586	5 G 4 mm ²	Round	Black	0,365		14,4	300
16133	1 x 6 mm ²	Round	Black	0,117		7,2	90
16134	2 x 6 mm ²	Round	Black	0,224		11,9	180
16135	3 x 6 mm ²	Round	Black	0,290		12,6	270
16136	4 x 6 mm ²	Round	Black	0,403		14,8	360
16566	5 x 6 mm ²	Round	Black	0,489		16,1	450
16089	7 x 6 mm ²	Round	Black	0,620		17,1	630
15997	3 G 6 mm ²	Round	Black	0,290		13	270
15990	4 G 6 mm ²	Round	Black	0,404		14,3	360
16480	5 G 6 mm ²	Round	Black	0,489		16,1	450
16109	7 G 6 mm ²	Round	Black	0,620		17,6	630
16137	1 x 10 mm ²	Round	Black	0,161		8,1	150
16138	2 x 10 mm ²	Round	Black	0,313		13,5	300
16139	3 x 10 mm ²	Round	Black	0,464		15,2	450
16140	4 x 10 mm ²	Round	Black	0,590		16,7	600
16489	5 x 10 mm ²	Round	Black	0,719		18,3	600
16534	3 G 10 mm ²	Round	Black	0,459		15,2	450
15993	4 G 10 mm ²	Round	Black	0,591		16,2	600
16108	5 G 10 mm ²	Round	Black	0,726		17,9	600
16141	1 x 16 mm ²	Round	Black	0,217		9,1	240
16142	2 x 16 mm ²	Round	Black	0,483		16,5	480
16143	3 x 16 mm ²	Round	Black	0,640		17,5	720
16144	4 x 16 mm ²	Round	Black	0,828		19,3	960
16535	3 G 16 mm ²	Round	Black	0,640		17,6	720
15994	4 G 16 mm ²	Round	Black	0,815		19,4	960



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15996	5 G 16 mm ²	Round	Black	1,008		21,2	1200
16145	1 x 25 mm ²	Round	Black	0,324		10,9	375
16146	2 x 25 mm ²	Round	Black	0,700		20,1	750
16147	3 x 25 mm ²	Round	Black	0,947		21,9	1125
16148	4 x 25 mm ²	Round	Black	1,229		23,6	1500
16158	1 x 35 mm ²	Round	Black	0,423		12,6	525
16157	2 x 35 mm ²	Round	Black	0,914		23,4	1050
16436	5 G 35 mm ²	Round	Black	2,050		30,2	2625
16401	1 x 50 mm ²	Round	Black	0,594		14,7	750
16427	4 x 50 mm ²	Sector-shaped	Black	2,152		26,8	3000
16402	1 x 70 mm ²	Round	Black	0,807		16,6	1050
16403	1 x 95 mm ²	Round	Black	1,088		18,7	1425
16404	1 x 120 mm ²	Round	Black	1,332		20,5	1800
16405	1 x 150 mm ²	Round	Black	1,655		22,6	2250
16406	1 x 185 mm ²	Round	Black	2,047		25,3	2775
16407	1 x 240 mm ²	Round	Black	2,595		27,9	3600
16433	1 x 300 mm ²	Round	Black	3,252		31,4	4500