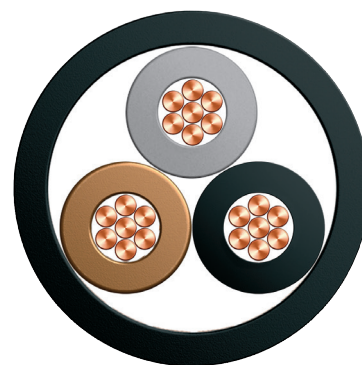




MarineLine

Low Voltage Power Cables YZp 0,6/1 kV



Application

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

Cable Design

Standardization	IEC 60092-350/-360/-353
Conductor material	Cu
Shape of conductor	Product dependent
Core insulation	XLPE (VPE)
Conductor category	Class 2 = stranded
Core identification	HD 308 S2
Outer Jacket	Flame Retardant Halogen Free Polyolefin Compound
Outer Jacket Colour	Black

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



BV



DNV-GL



ABS



PRS



RMRS



LRS



RINA



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Thermal and Electrical Characteristics

Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A
Halogen free	IEC 60754-1/2
Nominal voltage U ₀	0,6 kV
Nominal voltage U	1 kV
Max. conductor temperature	90 °C
Permitted cable outer temperature, in movement	-20 / 70 °C
Permitted cable outer temperature, fixed	-40 / 70 °C

Specification

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	30	7,3	30
16000	1 x 1,5 mm ²	Round	Black	0,035	20	4,9	23
16001	2 x 1,5 mm ²	Round	Black	0,067	32	7,9	45
16002	3 x 1,5 mm ²	Round	Black	0,084	32	8,1	68
16003	4 x 1,5 mm ²	Round	Black	0,111	37	9,3	90
16004	5 x 1,5 mm ²	Round	Black	0,138	40	10,1	113
16005	6 x 1,5 mm ²	Round	Black	0,165	45	10,9	135
16006	7 x 1,5 mm ²	Round	Black	0,171	45	11,2	158
16007	8 x 1,5 mm ²	Round	Black	0,229	52	13	180
16008	10 x 1,5 mm ²	Round	Black	0,255	62	14,2	225
16009	12 x 1,5 mm ²	Round	Black	0,288	59	14,8	270
16010	16 x 1,5 mm ²	Round	Black	0,373	68	16,9	360
16011	19 x 1,5 mm ²	Round	Black	0,436	72	18,0	428

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Specification

Part number	Construction	Shape of conductor	Colour outer sheath	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16012	24 x 1,5 mm ²	Round	Black	0,542	81	20	540
15999	27 x 1,5 mm ²	Round	Black	0,600	85	21,2	608
15969	3 G 1,5 mm ²	Round	Black	0,084	32	8,1	68
15970	4 G 1,5 mm ²	Round	Black	0,111	37	9,3	90
15971	5 G 1,5 mm ²	Round	Black	0,138	40	10,1	113
15972	7 G 1,5 mm ²	Round	Black	0,171	45	11,2	158
16013	1 x 2,5 mm ²	Round	Black	0,047	21	5,3	38
16014	2 x 2,5 mm ²	Round	Black	0,094	36	9	75
16015	3 x 2,5 mm ²	Round	Black	0,121	38	9,5	113
16016	4 x 2,5 mm ²	Round	Black	0,153	42	10,4	150
16017	5 x 2,5 mm ²	Round	Black	0,197	46	11,5	188
17401	6 x 2,5 mm ²	Round	Black	0,239	51	12,7	225
16018	7 x 2,5 mm ²	Round	Black	0,251	50	12,6	263
15973	3 G 2,5 mm ²	Round	Black	0,121	38	9,4	113
15974	4 G 2,5 mm ²	Round	Black	0,153	42	10,4	150
15975	5 G 2,5 mm ²	Round	Black	0,197	46	11,5	188
15976	7 G 2,5 mm ²	Round	Black	0,249	50	12,6	263
16019	1 x 4 mm ²	Round	Black	0,062	24	5,9	60
16020	2 x 4 mm ²	Round	Black	0,126	40	10,1	120
16021	3 x 4 mm ²	Round	Black	0,167	43	10,7	180
16022	4 x 4 mm ²	Round	Black	0,222	48	11,9	240
16561	5 x 4 mm ²	Round	Black	0,275	53	13,1	240
17752	1 G 4 mm ²	Round	Black	0,062	24	5,9	60
15977	3 G 4 mm ²	Round	Black	0,167	43	10,7	180
15978	4 G 4 mm ²	Round	Black	0,222	48	11,9	240
16559	5G 4 mm ²	Round	Black	0,275	53	12,9	240
16023	1 x 6 mm ²	Round	Black	0,084	26	6,4	90

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Specification

Part number	Construction	Shape of conductor	Colour outer sheath	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16024	2 x 6 mm ²	Round	Black	0,174	46	11,4	180
16025	3 x 6 mm ²	Round	Black	0,238	48	11,8	270
16026	4 x 6 mm ²	Round	Black	0,305	53	13	360
17352	19 x 6 mm ²	Round	Black	1,339	160	26,6	1710
16563	5 x 6 mm ²	Round	Black	0,384	59	14,7	450
17753	1 G 6 mm ²	Round	Black	0,085	26	6,4	90
15979	3G 6 mm ²	Round	Black	0,238	48	12,1	270
15980	4 G 6 mm ²	Round	Black	0,310	53	13,2	360
15967	5 G 6 mm ²	Round	Black	0,385	59	14,7	450
16027	1 x 10 mm ²	Round	Black	0,124	29	7,2	150
16028	2 x 10 mm ²	Round	Black	0,258	52	12,9	300
16029	3 x 10 mm ²	Round	Black	0,358	55	13,8	450
16030	4 x 10 mm ²	Round	Black	0,473	61	15,2	600
16564	5 x 10 mm ²	Round	Black	0,588	68	17	750
17353	19 x 10 mm ²	Round	Black	2,094	187	31,1	2850
17754	1 G 10 mm ²	Round	Black	0,124	29	7,2	150
15981	3 G 10 mm ²	Round	Black	0,358	55	13,8	450
15982	4 G 10 mm ²	Round	Black	0,473	61	15,2	600
17426	5 G 10 mm ²	Round	Black	0,588	66	16,6	750
16031	1 x 16 mm ²	Round	Black	0,178	33	8,2	240
16032	2 x 16 mm ²	Round	Black	0,374	60	15,1	480
16033	3 x 16 mm ²	Round	Black	0,524	64	16	720
16034	4 x 16 mm ²	Round	Black	0,693	71	17,8	960
16565	5 G 16 mm ²	Round	Black	0,867	79	19,8	1200
16568	1 x 25 mm ²	Round	Black	0,693	71	17,9	960
15968	2 x 25 mm ²	Round	Black	0,867	79	19,8	1200
16035	1 x 25 mm ²	Round	Black	0,275	40	10,1	375

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Specification

Part number	Construction	Shape of conductor	Colour outer sheath	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16036	2 x 25 mm ²	Round	Black	0,583	75	18,7	750
16037	3 x 25 mm ²	Round	Black	0,830	80	20,3	1125
16038	4 x 25 mm ²	Round	Black	1,078	89	22,3	1500
16558	5 G 25 mm ²	Round	Black	1,370	99	25,0	1875
16039	1 x 35 mm ²	Round	Black	0,370	47	11,8	525
16040	2 x 35 mm ²	Round	Black	0,797	88	22,5	1050
16048	3 x 35 mm ²	Sector- shaped	Black	1,155	83	20,4	1575
16041	1 x 50 mm ²	Round	Black	0,499	53	13,2	750
16049	3 x 50 mm ²	Sector-shaped	Black	1,552	94	23,4	2250
16042	1 x 70 mm ²	Round	Black	0,707	62	15,4	1050
16050	3 x 70 mm ²	Sector-shaped	Black	2,188	108	27,1	3150
16043	1 x 95 mm ²	Round	Black	0,951	70	17,5	1425
16051	3 x 95 mm ²	Sector-shaped	Black	2,988	125	31,3	4275
16044	1 x 120 mm ²	Round	Black	1,200	78	19,5	1800
16052	3 x 120 mm ²	Sector-shaped	Black	3,664	139	34,7	5400
17755	1 G 120 mm ²	Round	Black	1,208	78	19,5	1800
16045	1 x 150 mm ²	Round	Black	1,485	86	21,5	2250
16053	3 x 150 mm ²	Sector-shaped	Black	4,546	152	37,9	6750
16046	1 x 185 mm ²	Round	Black	1,882	96	24	2775
16054	3 x 185 mm ²	Sector-shaped	Black	5,510	164	41	8325
16047	1 x 240 mm ²	Round	Black	2,390	162	27	3600
16055	3 x 240 mm ²	Sector-shaped	Black	7,469	190	47,6	10800