



Fire resistant armoured, lightweight, reduced diameter low voltage cables for power and lighting applications in all ship areas where extra mechanical and EMC protection is needed. The sheath material has excellent abrasion resistance properties and can be stripped easily with the ripcord.

Characteristics	Properties	Unit
Product group	Low voltage marine cables	
Series	Shipboard cable	
Type	MarineLine YOZp FR 0,6/1 kV	
Standardization	IEC 60092-350/-351/-353	
Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A	
Halogen free	IEC 60754-1	
Insulation integrity in accordance with IEC 60331	Yes	
Conductor material	Cu	
Conductor category	Class 2 = stranded	
Shape of conductor	Article dependant, see detail sheet	
Core insulation	Mica + XLPE	
Core identification	HD 308 S2	
Construction outer shield	Tinned copper braiding	
Material outer sheath	Flame Retardant Halogen Free Polyolefin Compound	
Colour outer sheath	Orange	
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
Maximum conductor temperature	90	°C
Operating temperature, flexible	-20 / 70	°C
Operating temperature, fixed	-40 / 70	°C
Specification	See appendix	


Partnumber	Construction G=Y/G	Shape of conductor	Net weight (kg/km)	radius after installation (mm)	Outer diameter approx. (mm)	Tensile load (N)
26180	3 G 1,5 mm ²	Round	176	40	9,9	68
26181	4 G 1,5 mm ²	Round	167	43	10,7	90
26182	5 G 1,5 mm ²	Round	205	47	11,8	113
16382	2 x 1,5 mm ²	Round	115	38	9,4	45
26101	2 x 1,5 mm ²	Round	115	38	9,4	45
26102	3 x 1,5 mm ²	Round	141	40	9,9	68
16383	3 x 1,5 mm ²	Round	141	39	9,8	68
26104	5 x 1,5 mm ²	Round	205	47	11,8	113
26105	6 x 1,5 mm ²	Round	237	51	12,7	135
26106	7 x 1,5 mm ²	Round	248	51	12,7	158
16386	7 x 1,5 mm ²	Round	248	50	12,6	158



Partnumber	Construction G=Y/G	Shape of conductor	Net weight (kg/km)	Bending radius after installation (mm)	Outer diameter approx. (mm)	Tensile load (N)
16448	12 x 1,5 mm ²	Round	440	68	17,1	270
26109	12 x 1,5 mm ²	Round	440	68	17,1	270
26111	19 x 1,5 mm ²	Round	633	83	20,7	428
16449	19 x 1,5 mm ²	Round	633	82	20,6	428
16451	27 x 1,5 mm ²	Round	833	96	23,9	608
26113	27 x 1,5 mm ²	Round	833	96	24	608
26184	3 G 2,5 mm ²	Round	189	46	11,4	113
26185	4 G 2,5 mm ²	Round	225	49	12,3	150
26186	5 G 2,5 mm ²	Round	271	54	13,4	188
26143	5 G 2,5 mm ²	Round	271	54	13,4	188
26117	2 x 2,5 mm ²	Round	149	42	10,6	75
26118	3 x 2,5 mm ²	Round	188	46	11,4	113
16388	3 x 2,5 mm ²	Round	191	45	11,3	113
26119	4 x 2,5 mm ²	Round	225	49	12,3	150
26120	5 x 2,5 mm ²	Round	271	54	13,4	188
26121	6 x 2,5 mm ²	Round	363	60	15,1	225
26122	7 x 2,5 mm ²	Round	381	60	15,1	263
26124	2 x 4 mm ²	Round	191	46	11,6	120
26125	3 x 4 mm ²	Round	265	49	12,2	180
26126	4 x 4 mm ²	Round	325	53	13,2	240
26128	2 x 6 mm ²	Round	250	56	13,9	180
26129	3 x 6 mm ²	Round	360	59	14,7	270
26130	4 x 6 mm ²	Round	444	66	16,6	360
26131	1 x 10 mm ²	Round	174	35	8,7	150
26132	2 x 10 mm ²	Round	385	61	15,2	300
26133	3 x 10 mm ²	Round	496	64	16,1	450
26134	4 x 10 mm ²	Round	634	71	17,7	600
26135	1 x 16 mm ²	Round	238	39	9,7	240
26136	2 x 16 mm ²	Round	527	69	17,3	480
26137	3 x 16 mm ²	Round	696	73	18,3	720
26138	4 x 16 mm ²	Round	903	81	20,2	960
26139	1 x 25 mm ²	Round	356	46	11,6	375
26140	2 x 25 mm ²	Round	779	84	21	750
26141	3 x 25 mm ²	Round	1069	90	22,5	1125
26142	4 x 25 mm ²	Round	1380	99	24,8	1500
26145	3 x 35 mm ²	Sector-shaped	1434	174	21,7	1575
26146	4 x 35 mm ²	Sector-shaped	1788	198	24,7	2100
26149	3 x 50 mm ²	Sector-shaped	1806	192	24	2250
26150	4 x 50 mm ²	Sector-shaped	2379	222	27,7	3000
26153	3 x 70 mm ²	Sector-shaped	2461	224	28	3150
26154	4 x 70 mm ²	Sector-shaped	3201	252	31,5	4200

Marine & Offshore

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Partnumber	Construction G=Y/G	Shape of conductor	Net weight (kg/km)	Bending radius after installation (mm)	Outer diameter approx. (mm)	Tensile load (N)
26157	3 x 95 mm ²	Sector-shaped	3378	266	33,3	4275
26161	3 x 120 mm ²	Sector-shaped	4113	278	34,7	5400
26163	1 x 150 mm ²	Round	1703	92	23,1	2250