

# Marine & Offshore

## MarineLine YOZp FR 0,6/1 kV

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	Marine 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	
Insulation integrity in accordance with IEC 60331	Yes	
Conductor material	Cu	
Standardization conductor material	IEC 60228	
Conductor category	Class 2	
Shape of conductor	Article dependant, see detail sheet	
Core insulation	Mica + XLPE	
Core identification	HD 308 S2	
Binder/filler	Polyester tape	
Construction outer shield	Tinned copper braiding	
Material outer sheath	Flame Retardant Halogen Free Polyolefin Compound	
Colour outer sheath	Orange	
Nominal voltage U <sub>0</sub>	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 G=Y/G	Shape of conductor	Colour outer sheath	Net weight (kg/km)	Bending radius after installation (mm)	Outer diameter approx. (mm)	Tensile load (N)
26180	3 G 1,5 mm <sup>2</sup>	round	orange	140	40	9,9	68
26181	4 G 1,5 mm <sup>2</sup>	round	orange	166	43	10,7	90
26182	5 G 1,5 mm <sup>2</sup>	round	orange	202	47	11,8	113
26101	2 x 1,5 mm <sup>2</sup>	round	orange	115	38	9,4	45
26102	3 x 1,5 mm <sup>2</sup>	round	orange	141	40	9,9	68
26103	4 x 1,5 mm <sup>2</sup>	round	orange	166	43	10,7	90
26104	5 x 1,5 mm <sup>2</sup>	round	orange	205	47	11,8	113
26105	6 x 1,5 mm <sup>2</sup>	round	orange	237	51	12,7	135
26106	7 x 1,5 mm <sup>2</sup>	round	orange	248	51	12,7	158
26109	12 x 1,5 mm <sup>2</sup>	round	orange	441	68	17,1	270
26111	19 x 1,5 mm <sup>2</sup>	round	orange	633	83	20,7	428
26113	27 x 1,5 mm <sup>2</sup>	round	orange	837	96	24	608

26184	3 G 2,5 mm <sup>2</sup>	round	orange	188	46	11,4	113
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Partnumber	Construction G=Y/G	Shape of conductor	Colour outer sheath	Net weight (kg/km)	Bending radius after installation (mm)	Outer diameter approx. (mm)	Tensile load (N)
26185	4 G 2,5 mm <sup>2</sup>	round	orange	225	49	12,3	150
26186	5 G 2,5 mm <sup>2</sup>	round	orange	271	54	13,4	188
26143	5 G 2,5 mm <sup>2</sup>	round	orange	271	54	13,4	188
26117	2 x 2,5 mm <sup>2</sup>	round	orange	148	42	10,6	75
26118	3 x 2,5 mm <sup>2</sup>	round	orange	188	46	11,4	113
26119	4 x 2,5 mm <sup>2</sup>	round	orange	245	49	12,3	150
26120	5 x 2,5 mm <sup>2</sup>	round	orange	271	54	13,4	188
26121	6 x 2,5 mm <sup>2</sup>	round	orange	364	60	15,1	225
26122	7 x 2,5 mm <sup>2</sup>	round	orange	382	60	15,1	263
26124	2 x 4 mm <sup>2</sup>	round	orange	193	46	11,6	120
26125	3 x 4 mm <sup>2</sup>	round	orange	268	49	12,2	180
26126	4 x 4 mm <sup>2</sup>	round	orange	328	53	13,2	240
26128	2 x 6 mm <sup>2</sup>	round	orange	254	56	13,9	180
26129	3 x 6 mm <sup>2</sup>	round	orange	368	59	14,7	270
26130	4 x 6 mm <sup>2</sup>	round	orange	454	66	16,6	360
26131	1 x 10 mm <sup>2</sup>	round	orange	173	35	8,7	150
26132	2 x 10 mm <sup>2</sup>	round	orange	384	61	15,2	300
26133	3 x 10 mm <sup>2</sup>	round	orange	502	64	16,1	450
26134	4 x 10 mm <sup>2</sup>	round	orange	636	71	17,7	600
26135	1 x 16 mm <sup>2</sup>	round	orange	239	39	9,7	240
26136	2 x 16 mm <sup>2</sup>	round	orange	532	69	17,3	480
26137	3 x 16 mm <sup>2</sup>	round	orange	702	73	18,3	720
26138	4 x 16 mm <sup>2</sup>	round	orange	913	81	20,2	960
26139	1 x 25 mm <sup>2</sup>	round	orange	351	46	11,6	375
26140	2 x 25 mm <sup>2</sup>	round	orange	771	84	21	750
26141	3 x 25 mm <sup>2</sup>	round	orange	1055	90	22,5	1125
26142	4 x 25 mm <sup>2</sup>	round	orange	1361	99	24,8	1500
26145	3 x 35 mm <sup>2</sup>	Sector-shaped	orange	1434	174	21,7	1575
26146	4 x 35 mm <sup>2</sup>	Sector-shaped	orange	1782	198	24,7	2100
26149	3 x 50 mm <sup>2</sup>	Sector-shaped	orange	1806	192	24	2250
26150	4 x 50 mm <sup>2</sup>	Sector-shaped	orange	2366	222	27,7	3000
26153	3 x 70 mm <sup>2</sup>	Sector-shaped	orange	2461	224	28	3150
26157	3 x 95 mm <sup>2</sup>	Sector-shaped	orange	3380	266	33,3	4275
26161	3 x 120 mm <sup>2</sup>	Sector-shaped	orange	4113	278	34,7	5400
26163	1 x 150 mm <sup>2</sup>	round	orange	1719	92	23,1	2250