

# Marine & Offshore

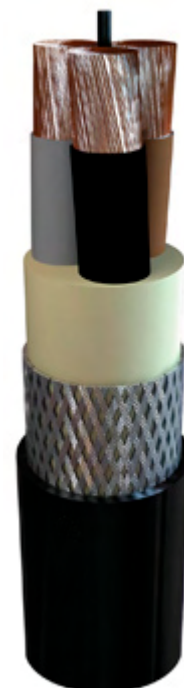
## MarineFlex YOZp 0,6/1 kV

These armoured extra flexible low voltage cables for fixed installation ensure easy installation, also in tight spaces and for bigger conductor sizes.

The tinned copper braid is highly corrosion resistant and provides optimal screening and mechanical protection.

Halogen-free and low-smoke, flame-retardant in fire conditions.

Characteristics	Properties	Unit
Product group	Low voltage marine cables	
Series	Marine Cable	
Type	MarineFlex YOZp 0,6/1 kV	
Standardization	IEC 60092-350/-351/-353	
Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A	
Conductor material	Cu	
Standardization conductor material	IEC 60228	
Conductor category	Class 5 = Flexible	
Shape of conductor	Round	
Core insulation	XLPE	
Core identification	HD 308 S2	
Binder/filler	Article dependant, see detail sheet	
Construction outer shield	Tinned copper braiding	
Material outer sheath	Flame Retardant Halogen Free Polyolefin Compound	
Colour outer sheath	Black	
Nominal voltage U0	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)
16190	1 x 35 mm <sup>2</sup>	round	black	465	53	13,2	525
16191	3 x 35 mm <sup>2</sup>	round	black	1651	108	26,9	1575
16192	4 x 35 mm <sup>2</sup>	round	black	2056	118	29,6	2100
16193	1 x 50 mm <sup>2</sup>	round	black	616	60	14,9	750
16194	3 x 50 mm <sup>2</sup>	round	black	2207	123	30,7	2250
16195	4 x 50 mm <sup>2</sup>	round	black	2776	137	34,2	3000
16196	1 x 70 mm <sup>2</sup>	round	black	829	68	17,1	1050
16197	3 x 70 mm <sup>2</sup>	round	black	3053	144	36	3150
16198	4 x 70 mm <sup>2</sup>	round	black	3812	158	39,6	4200
16199	1 x 95 mm <sup>2</sup>	round	black	1045	75	18,7	1425
16200	3 x 95 mm <sup>2</sup>	round	black	3868	159	39,7	4275
16201	4 x 95 mm <sup>2</sup>	round	black	4872	175	43,8	5700



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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)
16202	1 x 120 mm <sup>2</sup>	round	black	1298	83	20,7	1800
16203	3 x 120 mm <sup>2</sup>	round	black	4828	176	43,9	5400
16443	4 x 120 mm <sup>2</sup>	round	black	6094	194	48,4	7200
16204	1 x 150 mm <sup>2</sup>	round	black	1609	92	23	2250
16205	3 x 150 mm <sup>2</sup>	round	black	6003	196	49,1	6750
16206	1 x 185 mm <sup>2</sup>	round	black	1921	101	25,2	2775
16207	3 x 185 mm <sup>2</sup>	round	black	7149	214	53,6	8325
16208	1 x 240 mm <sup>2</sup>	round	black	2538	114	28,4	3600
16209	3 x 240 mm <sup>2</sup>	round	black	9427	243	60,7	10800