



MarineLine YOZp EMC 0,6/1 kV

18-06-2019

Properties

Application:

Low voltage shipboard power cables with enhanced EMC properties for use in sensitive EMC areas and for Variable Frequency Drive applications. Enhanced shielding properties due to optimized tinned copper wire braid in combination with 100% foil-screen coverage.

Characteristics:

- Class 2 conductors
- Designed for situations that need Electro-Magnetic Interference to be limited to the minimum
- Halogen free and low smoke, flame retardant
- Tinned copper wire braid armouring
- 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 EMC 0,6/1 kV
Series	INT-Scheeps&Offsh.sterkstr&elek lei
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



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Specifications

Halogen free	IEC 60754-1/2
Low smoke	IEC 61034-2
Nominal voltage U0	0.6 kV
Nominal voltage U	1 kV
Test voltage	3500 kV

25 products

Part number	Construction G=Y/G	Shape of conductor	Colour outer sheath	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16555	3 x 1,5 mm ²	Round	Black	0,130	37	9,1	65
17341	3 x 1,5 mm ²	Round	Black	0,130	38	9,1	68
16530	4 x 1,5 mm ²	Round	Black	0,157	40	9,9	90
17344	4 G 1,5 mm ²	Round	Black	0,156	40	9,9	90
16556	3 x 2,5 mm ²	Round	Black	0,166	46	10,6	150
17342	3 x 2,5 mm ²	Round	Black	0,165	42	10,4	113
16531	4 x 2,5 mm ²	Round	Black	0,207	45	11,2	150
16533	19 x 2,5 mm ²	Round	Black	0,799	90	22,4	713
17345	4 G 2,5 mm ²	Round	Black	0,211	45	11,2	150
16541	12 G 2,5 mm ²	Round	Black	0,552	110	18,3	450
16532	2 x 4 mm ²	Round	Black	0,174	43	10,7	120
17177	3 x 4 mm ²	Round	Black	0,221	46	11,6	180
16638	4 x 4 mm ²	Round	Black	0,281	50	12,6	240
17346	4 G 4 mm ²	Round	Black	0,276	50	12,5	240
17343	3 x 6 mm ²	Round	Black	0,295	52	13	270
17347	4 G 6 mm ²	Round	Black	0,375	56	13,9	360
17193	3 x 10 mm ²	Round	Black	0,476	61	15,2	450
17378	3 x 10 mm ²	Round	Black	0,642	61	18,0	450
17780	3 x 10 mm ²	Round	Black	0,473	61	15	450
17219	4 G 10 mm ²	Round	Black	0,605	67	16,3	600



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17348	3 x 16 mm ²	Round	Black	0,658	70	17,2	720
17176	3 G 16 mm ²	Round	Black	0,889	84	20,8	990
17184	4 G 16 mm ²	Round	Black	0,846	77	19,3	960
17197	3 x 25 mm ²	Round	Black	0,967	86	21,5	1125
17781	3 x 25 mm ²	Round	Black	0,968	86	21,5	1125