

Low voltage cables

1 MarineFlex YOZp X-FR 0,6/1 kV

Low voltage cables

Properties

Application:

Armoured, heavy duty, fire resistant, ultra flexible, low voltage power cables for power and lighting applications in all ship areas.

Characteristics:

- The only flexible fire resistant class 5 conductor cable
- Lightweight
- Halogen free and low smoke, flame retardant in fire conditions
- Fire resistant according IEC 60331 1/2
- Different outer sheaths, other than orange, available on request

Core identification:

- HD308 S2



Specifications

Product group	Shipboard low voltage cable
Type	MarineFlex YOZp X-FR 0,6/1 kV
Colour outer sheath	Orange
Standardization	IEC 60092-350/-360/-353
Conductor material	Cu
Shape of conductor	Round
Core insulation	Product dependent
Conductor category	Class 5 = flexible
Core identification	HD 308 S2
Construction outer shield	tinned copper braiding
Material outer sheath	Flame Retardant Halogen Free Polyolefin Compound
Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A
Halogen free	IEC 60754-1/2
Maximum conductor temperature	90 °C
Permitted cable outer temperature, in movement	-20 / 70 °C
Permitted cable outer temperature, fixed	-40 / 70 °C

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40 products

Part number	Construction	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
27365	3 x 16 mm ²	1,018	92	22.9	720
27366	4 x 25 mm ²	1,837	118	29.5	1500
27330	1 x 35 mm ²	0,494	56	14.3	525
27331	2 x 35 mm ²	1,547	114	28.4	1050
16462	3 x 35 mm ²	1,952	124	31.1	1575
27332	3 x 35 mm ²	1,860	120	29.9	1575
16463	4 x 35 mm ²	2,433	136	34.1	2100
27333	4 x 35 mm ²	2,324	132	32.9	2100
16464	5 x 35 mm ²	3,405	149	37.3	2625
27334	1 x 50 mm ²	0,643	64	15.9	750
27335	2 x 50 mm ²	1,899	122	30.4	1500
27336	3 x 50 mm ²	2,462	136	34	2250
27337	4 x 50 mm ²	3,416	147	36.7	3000
16465	4 G 50 mm ²	3,204	153	38.3	3000
16466	5 G 50 mm ²	3,828	168	41.9	3750
27338	1 x 70 mm ²	0,861	72	18	1050
27340	3 x 70 mm ²	3,385	155	38.7	3150
16467	4 x 70 mm ²	4,293	172	43.1	4200
27341	4 x 70 mm ²	4,255	171	42.7	4200
16468	5 x 70 mm ²	5,269	190	47.5	5250
27342	1 x 95 mm ²	1,093	79	19.8	1425
27344	3 x 95 mm ²	4,256	172	42.9	4275
16469	4 x 95 mm ²	5,363	189	47.2	5700
27345	4 x 95 mm ²	5,365	189	47.2	5700
16470	5 x 95 mm ²	6,687	211	52.7	7125
27346	1 x 120 mm ²	1,430	91	22.8	1800
27348	3 x 120 mm ²	5,418	197	49.2	5400
27370	3 x 120 mm ²	5,580	198	49.6	5400
16471	4 x 120 mm ²	6,789	216	54.1	7200
27349	4 x 120 mm ²	6,793	216	54.1	7200
27350	1 x 150 mm ²	1,692	96	24	2250
27352	3 x 150 mm ²	6,360	209	52	6750
16472	4 x 150 mm ²	8,034	228	57	9000
27353	4 x 150 mm ²	8,038	228	57	9000
27354	1 x 185 mm ²	1,961	103	25.8	2775
27356	3 x 185 mm ²	7,579	223	55.8	8325
27357	4 x 185 mm ²	9,599	247	61.7	11100
27358	1 x 240 mm ²	2,627	117	29.3	3600
27360	3 x 240 mm ²	10,049	253	63.3	10800
27362	1 x 300 mm ²	2,924	128	32.1	4500