

## Communication cables

## MarineCom YOZc 250 V

**Properties****Application:**

Lightweight, armoured, control, instrumentation, tele-and data cable.

**Characteristics:**

- Twisted pairs, triples or quads
- Perfect electrical properties and low capacitance for minimal signal loss
- Halogen free and low smoke, flame retardant in fire conditions
- Extra mechanical protection and reduced EMI due to the tinned copper braided screen
- Different outer sheaths, other than grey, available on request

**Core identification:**

• Pairs & Quads: Numbered Blue and White . Triples: Numbered Blue, White and Red

**Specifications**

Type	MarineCom YOZc 250 V
Product group	Shipboard communication cable
Colour outer sheath	Grey
Standardization	IEC 60092-350/-351/-376
Conductor category	Class 2 = stranded
Core insulation	XLPE
Core identification	Numbers
Construction outer shield	tinned copper braiding
Screen over stranding	Braiding
Material outer sheath	Flame Retardant Halogen Free Polyolefin Compound
Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A
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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Partnumber	Construction	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16945	1 x 3 x 1,0 mm <sup>2</sup>	0,092	46	7.6	45
16931	1 x 4 x 1,0 mm <sup>2</sup>	0,110	50	8.4	60
16932	2 x 2 x 1,0 mm <sup>2</sup>	0,132	64	10.7	60
16962	2 x 2 x 2,5 mm <sup>2</sup>	0,233	64	10.7	60
16933	4 x 2 x 1,0 mm <sup>2</sup>	0,195	74	12.4	120
16947	4 x 3 x 1,0 mm <sup>2</sup>	0,304	86	14.4	180
16934	6 x 2 x 1,0 mm <sup>2</sup>	0,321	91	15.1	180
16953	6 x 3 x 1,0 mm <sup>2</sup>	0,412	105	17.5	270
16935	7 x 2 x 1,0 mm <sup>2</sup>	0,327	93	15.5	210
16948	7 x 3 x 1,0 mm <sup>2</sup>	0,430	103	17.1	315
16936	8 x 2 x 1,0 mm <sup>2</sup>	0,367	96	16	240
16937	10 x 2 x 1,0 mm <sup>2</sup>	0,445	109	18.2	300
16949	10 x 3 x 1,0 mm <sup>2</sup>	0,619	128	21.3	450
16938	12 x 2 x 1,0 mm <sup>2</sup>	0,504	114	19	360
16939	14 x 2 x 1,0 mm <sup>2</sup>	0,594	122	20.4	420
16950	14 x 3 x 1,0 mm <sup>2</sup>	0,795	141	23.5	630
16940	19 x 2 x 1,0 mm <sup>2</sup>	0,752	142	23.7	570
16951	19 x 3 x 1,0 mm <sup>2</sup>	1,020	161	26.9	855
16941	24 x 2 x 1,0 mm <sup>2</sup>	0,912	158	26.3	720
16952	24 x 3 x 1,0 mm <sup>2</sup>	1,257	179	29.8	1080
16942	27 x 2 x 1,0 mm <sup>2</sup>	1,006	166	27.6	810
16943	30 x 2 x 1,0 mm <sup>2</sup>	1,100	174	29	900
16944	37 x 2 x 1,0 mm <sup>2</sup>	1,301	190	31.7	1110
16946	2 x 3 x 1,0 mm <sup>2</sup>	0,165	70	11.6	135
16301	1 x 2 x 1,5 mm <sup>2</sup>	0,096	50	8.3	45
16316	1 x 3 x 1,5 mm <sup>2</sup>	0,118	53	8.9	68
16302	1 x 4 x 1,5 mm <sup>2</sup>	0,148	59	9.9	90
16303	2 x 2 x 1,5 mm <sup>2</sup>	0,176	76	12.6	90
16317	2 x 3 x 1,5 mm <sup>2</sup>	0,255	83	13.9	135
16304	4 x 2 x 1,5 mm <sup>2</sup>	0,305	89	14.9	180
16318	4 x 3 x 1,5 mm <sup>2</sup>	0,412	101	16.9	270
16305	6 x 2 x 1,5 mm <sup>2</sup>	0,445	107	18.3	270
16306	7 x 2 x 1,5 mm <sup>2</sup>	0,457	109	18.5	315
16319	7 x 3 x 1,5 mm <sup>2</sup>	0,636	123	20.5	473
16307	8 x 2 x 1,5 mm <sup>2</sup>	0,506	115	19.2	360
16308	10 x 2 x 1,5 mm <sup>2</sup>	0,628	124	21	450
16320	10 x 3 x 1,5 mm <sup>2</sup>	0,846	153	25.5	675
16309	12 x 2 x 1,5 mm <sup>2</sup>	0,714	139	23.2	540
16310	14 x 2 x 1,5 mm <sup>2</sup>	0,811	148	24.7	630
16321	14 x 3 x 1,5 mm <sup>2</sup>	1,117	168	28	945
16311	19 x 2 x 1,5 mm <sup>2</sup>	1,067	171	28.5	855
16322	19 x 3 x 1,5 mm <sup>2</sup>	1,445	193	32.1	1283
16326	20 x 2 x 1,5 mm <sup>2</sup>	1,076	174	29.0	855
16312	24 x 2 x 1,5 mm <sup>2</sup>	1,296	190	31.6	1080
16323	24 x 3 x 1,5 mm <sup>2</sup>	1,784	215	35.8	1620
16313	27 x 2 x 1,5 mm <sup>2</sup>	1,430	199	33.2	1215
16314	30 x 2 x 1,5 mm <sup>2</sup>	1,567	209	34.9	1350
16315	37 x 2 x 1,5 mm <sup>2</sup>	1,879	230	38.3	1665