

## Communication cables

## MarineCom YZafc 250 V

3

Communication cables

**Properties****Application:**

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

**Characteristics:**

- Twisted pairs, triples or quads
- Perfect electrical properties and low capacitance for minimal signal loss
- Extreme lightweight and small diameter for applications where no mechanical protection is needed
- 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 YZafc 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
Screen over stranding	Alpet tape
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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## 77 products

Partnumber	Construction	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
16690	1 x 2 x 0.5 mm <sup>2</sup>	0,043	49	6.1	15
16691	1 x 4 x 0.5 mm <sup>2</sup>	0,063	57	7.1	30
16692	2 x 2 x 0.5 mm <sup>2</sup>	0,075	71	8.9	30
16693	4 x 2 x 0.5 mm <sup>2</sup>	0,108	82	10.2	60
16694	6 x 2 x 0.5 mm <sup>2</sup>	0,161	98	12.3	90
16695	7 x 2 x 0.5 mm <sup>2</sup>	0,162	98	12.3	105
16696	8 x 2 x 0.5 mm <sup>2</sup>	0,180	105	13.1	120
16697	10 x 2 x 0.5 mm <sup>2</sup>	0,224	120	15	150
16698	12 x 2 x 0.5 mm <sup>2</sup>	0,253	126	15.7	180
16699	14 x 2 x 0.5 mm <sup>2</sup>	0,293	135	16.9	210
16700	19 x 2 x 0.5 mm <sup>2</sup>	0,374	154	19.2	285
16701	24 x 2 x 0.5 mm <sup>2</sup>	0,462	171	21.4	360
16702	27 x 2 x 0.5 mm <sup>2</sup>	0,519	182	22.7	405
16703	30 x 2 x 0.5 mm <sup>2</sup>	0,567	190	23.7	450
16704	37 x 2 x 0.5 mm <sup>2</sup>	0,687	209	26.1	555
16708	1 x 2 x 0.75 mm <sup>2</sup>	0,050	51	6.4	23
16707	1 x 3 x 0.75 mm <sup>2</sup>	0,061	54	6.8	34
16709	1 x 4 x 0.75 mm <sup>2</sup>	0,071	58	7.3	45
16710	2 x 2 x 0.75 mm <sup>2</sup>	0,086	77	9.6	45
16711	4 x 2 x 0.75 mm <sup>2</sup>	0,137	90	11.3	90
16712	6 x 2 x 0.75 mm <sup>2</sup>	0,201	107	13.4	135
16713	7 x 2 x 0.75 mm <sup>2</sup>	0,202	107	13.4	158
16714	8 x 2 x 0.75 mm <sup>2</sup>	0,230	116	14.5	180
16723	8 x 3 x 0.75 mm <sup>2</sup>	0,323	96	16.6	236
16715	10 x 2 x 0.75 mm <sup>2</sup>	0,286	130	16.3	225
16716	12 x 2 x 0.75 mm <sup>2</sup>	0,326	139	17.4	270
16717	14 x 2 x 0.75 mm <sup>2</sup>	0,368	147	18.4	315
16718	19 x 2 x 0.75 mm <sup>2</sup>	0,483	169	21.1	428
16719	24 x 2 x 0.75 mm <sup>2</sup>	0,598	189	23.6	540
16722	27 x 2 x 0.75 mm <sup>2</sup>	0,659	200	25	608
16720	30 x 2 x 0.75 mm <sup>2</sup>	0,736	209	26.1	675
16721	37 x 2 x 0.75 mm <sup>2</sup>	0,889	230	28.8	833
16731	1 x 4 x 1 mm <sup>2</sup>	0,088	63	7.9	60
16730	2 x 1 x 1 mm <sup>2</sup>	0,057	54	6.8	30
16732	2 x 2 x 1 mm <sup>2</sup>	0,102	82	10.2	60
16733	4 x 2 x 1 mm <sup>2</sup>	0,160	95	11.9	120
16734	6 x 2 x 1 mm <sup>2</sup>	0,235	114	14.2	180
16735	7 x 2 x 1 mm <sup>2</sup>	0,242	114	14.2	210
16736	8 x 2 x 1 mm <sup>2</sup>	0,277	122	15.3	240
16737	10 x 2 x 1 mm <sup>2</sup>	0,343	140	17.5	300
16738	12 x 2 x 1 mm <sup>2</sup>	0,393	146	18.3	360
16739	14 x 2 x 1 mm <sup>2</sup>	0,447	156	19.5	420
16740	19 x 2 x 1 mm <sup>2</sup>	0,589	179	22.4	570
16741	24 x 2 x 1 mm <sup>2</sup>	0,742	202	25.2	720
16742	27 x 2 x 1 mm <sup>2</sup>	0,821	212	26.5	810
16743	30 x 2 x 1 mm <sup>2</sup>	0,898	222	27.7	900
16744	37 x 2 x 1 mm <sup>2</sup>	1,093	245	30.6	1110