

## Communication cables

## Marine2Com YOZ2c X-FR 250 V

**Properties****Application:**

Fire resistant, lightweight, individual and overall pair screened, armoured, control, instrumentation, tele-and data cable.

**Characteristics:**

- Twisted pairs, triples or quads, individual and overall pair screening
- Perfect electrical properties and low capacitance for minimal signal loss
- Fire resistant according to new IEC60331-1/2 due to (amongst other things) XLHFFR isolation
- Extra mechanical protection and reduced EMI due to the tinned copper braided screen
- Different outer sheaths, other than orange, available on request

**Core identification:**

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

**Specifications**

Type	Marine2Com YOZ2c X-FR 250 V
Product group	Shipboard communication cable
Standardization	IEC 60092-350/-351/-376
Conductor category	Class 2 = stranded
Core insulation	Mica + XLHFFR
Core identification	Numbers
Construction outer shield	tinned copper braiding
Screen over stranding element	Alpet tape
Screen over stranding	Foil + 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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## 112 products

Partnumber	Construction	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
26660	1 x 2 x 0.5 mm <sup>2</sup>	0,089	32	7.9	15
26661	1 x 4 x 0.5 mm <sup>2</sup>	0,127	74	9.3	30
26662	2 x 2 x 0.5 mm <sup>2</sup>	0,167	98	12.3	30
26681	2 x 3 x 0.5 mm <sup>2</sup>	0,244	110	13.7	45
26663	4 x 2 x 0.5 mm <sup>2</sup>	0,294	120	15	60
26682	4 x 3 x 0.5 mm <sup>2</sup>	0,359	130	16.2	90
26664	6 x 2 x 0.5 mm <sup>2</sup>	0,411	142	17.8	90
26665	7 x 2 x 0.5 mm <sup>2</sup>	0,419	142	17.8	105
26683	7 x 3 x 0.5 mm <sup>2</sup>	0,537	160	20	158
26666	8 x 2 x 0.5 mm <sup>2</sup>	0,472	151	18.9	120
26667	10 x 2 x 0.5 mm <sup>2</sup>	0,570	172	21.5	150
26684	10 x 3 x 0.5 mm <sup>2</sup>	0,721	195	24.4	225
26668	12 x 2 x 0.5 mm <sup>2</sup>	0,646	181	22.6	180
26669	14 x 2 x 0.5 mm <sup>2</sup>	0,714	192	24	210
26685	14 x 3 x 0.5 mm <sup>2</sup>	0,922	216	27	315
26670	19 x 2 x 0.5 mm <sup>2</sup>	0,922	219	27.4	285
26686	19 x 3 x 0.5 mm <sup>2</sup>	1,192	246	30.8	428
26671	24 x 2 x 0.5 mm <sup>2</sup>	1,132	245	30.6	360
26687	24 x 3 x 0.5 mm <sup>2</sup>	1,465	275	34.4	540
26672	27 x 2 x 0.5 mm <sup>2</sup>	1,232	257	32.1	405
26673	30 x 2 x 0.5 mm <sup>2</sup>	1,363	269	33.6	450
26674	37 x 2 x 0.5 mm <sup>2</sup>	1,691	298	37.3	555
26600	1 x 2 x 0.75 mm <sup>2</sup>	0,094	66	8.2	23
26690	1 x 3 x 0.75 mm <sup>2</sup>	0,112	71	8.8	33
26601	1 x 4 x 0.75 mm <sup>2</sup>	0,131	75	9.4	45
26602	2 x 2 x 0.75 mm <sup>2</sup>	0,226	106	13.6	45
17996	2 x 3 x 0.75 mm <sup>2</sup>	0,272	117	14.6	68
26691	3 x 3 x 0.75 mm <sup>2</sup>	0,228	112	14	101
26603	4 x 2 x 0.75 mm <sup>2</sup>	0,317	123	15.4	90
26692	4 x 3 x 0.75 mm <sup>2</sup>	0,412	138	17.3	135
26604	6 x 2 x 0.75 mm <sup>2</sup>	0,453	150	18.8	135
26605	7 x 2 x 0.75 mm <sup>2</sup>	0,464	150	18.8	158
26693	7 x 3 x 0.75 mm <sup>2</sup>	0,626	171	21.4	236
26606	8 x 2 x 0.75 mm <sup>2</sup>	0,529	161	20.1	180
26607	10 x 2 x 0.75 mm <sup>2</sup>	0,636	183	22.9	225
26694	10 x 3 x 0.75 mm <sup>2</sup>	0,858	208	26	338
26608	12 x 2 x 0.75 mm <sup>2</sup>	0,714	191	23.9	270
26609	14 x 2 x 0.75 mm <sup>2</sup>	0,806	206	25.7	315
26695	14 x 3 x 0.75 mm <sup>2</sup>	1,088	229	28.6	473
26610	19 x 2 x 0.75 mm <sup>2</sup>	1,088	234	29.3	428
26696	19 x 3 x 0.75 mm <sup>2</sup>	1,412	262	32.7	641
26611	24 x 2 x 0.75 mm <sup>2</sup>	1,275	260	32.5	540
26697	24 x 3 x 0.75 mm <sup>2</sup>	1,823	296	37	810
26612	27 x 2 x 0.75 mm <sup>2</sup>	1,465	274	34.3	608
26613	30 x 2 x 0.75 mm <sup>2</sup>	1,593	287	35.9	675
26614	37 x 2 x 0.75 mm <sup>2</sup>	1,910	317	39.6	833
26615	1 x 2 x 1 mm <sup>2</sup>	0,105	36	8.9	30