

Communication cables

MarineCom YOZc X-FR 250 V

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Communication cables

Properties**Application:**

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

Characteristics:

- Twisted pairs, triples or quads
- 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	MarineCom YOZc X-FR 250 V
Product group	Shipboard communication cable
Colour outer sheath	Orange
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	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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113 products

Partnumber	Construction	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
26470	1 x 2 x 0.5 mm ²	0,080	62	7.7	15
26485	1 x 3 x 0.5 mm ²	0,091	65	8.1	23
26471	1 x 4 x 0.5 mm ²	0,113	73	9.1	30
26520	2 x 2 x 0.5 mm ²	0,136	90	11.3	30
26486	3 x 3 x 0.5 mm ²	0,166	98	12.3	68
26472	4 x 2 x 0.5 mm ²	0,243	110	13.8	60
26487	4 x 3 x 0.5 mm ²	0,307	122	15.2	90
26473	6 x 2 x 0.5 mm ²	0,343	131	16.4	90
26474	7 x 2 x 0.5 mm ²	0,344	131	16.4	105
26488	7 x 3 x 0.5 mm ²	0,458	150	18.8	158
26475	8 x 2 x 0.5 mm ²	0,388	141	17.6	120
26476	10 x 2 x 0.5 mm ²	0,455	158	19.8	150
26489	10 x 3 x 0.5 mm ²	0,626	182	22.8	225
26477	12 x 2 x 0.5 mm ²	0,525	166	20.8	180
26478	14 x 2 x 0.5 mm ²	0,577	177	22.1	210
26490	14 x 3 x 0.5 mm ²	0,795	202	25.3	315
26479	19 x 2 x 0.5 mm ²	0,744	202	25.3	285
26491	19 x 3 x 0.5 mm ²	1,010	230	28.8	428
26480	24 x 2 x 0.5 mm ²	0,898	224	28	360
26492	24 x 3 x 0.5 mm ²	1,226	256	32	540
26481	27 x 2 x 0.5 mm ²	0,988	237	29.6	405
26482	30 x 2 x 0.5 mm ²	1,082	248	31	450
26483	37 x 2 x 0.5 mm ²	1,284	272	34	555
26500	1 x 2 x 0.75 mm ²	0,087	65	8.1	23
26515	1 x 3 x 0.75 mm ²	0,102	68	8.5	34
26501	1 x 4 x 0.75 mm ²	0,124	75	9.4	45
26502	2 x 2 x 0.75 mm ²	0,154	96	12	45
26516	3 x 3 x 0.75 mm ²	0,232	108	13.5	101
17953	4 x 2 x 0.75 mm ²	0,283	120	15	90
26503	4 x 2 x 0.75 mm ²	0,231	113	14.1	90
26517	4 x 3 x 0.75 mm ²	0,349	128	16	135
26504	6 x 2 x 0.75 mm ²	0,378	138	17.3	135
26505	7 x 2 x 0.75 mm ²	0,385	140	17.5	158
26518	7 x 3 x 0.75 mm ²	0,539	161	20.1	236
26506	8 x 2 x 0.75 mm ²	0,429	148	18.5	180
26507	10 x 2 x 0.75 mm ²	0,543	168	21	225
26519	10 x 3 x 0.75 mm ²	0,729	194	24.2	338
26508	12 x 2 x 0.75 mm ²	0,613	178	22.2	270
26509	14 x 2 x 0.75 mm ²	0,666	187	23.4	315
26521	14 x 3 x 0.75 mm ²	0,937	214	26.8	473
26510	19 x 2 x 0.75 mm ²	0,841	214	26.7	428
26522	19 x 3 x 0.75 mm ²	1,229	246	30.8	641
26524	20 x 2 x 0.75 mm ²	0,901	218	27.3	450
26511	24 x 2 x 0.75 mm ²	1,038	238	29.8	540
26523	24 x 3 x 0.75 mm ²	1,497	274	34.2	810
26512	27 x 2 x 0.75 mm ²	1,191	250	31.3	608
26513	30 x 2 x 0.75 mm ²	1,309	264	33	675

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26514	37 x 2 x 0.75 mm ²	1,547	288	36	833
26526	1 x 2 x 1 mm ²	0,098	70	8.7	30
26541	1 x 3 x 1 mm ²	0,117	73	9.1	45
26527	1 x 4 x 1 mm ²	0,145	80	10	60
26528	2 x 2 x 1 mm ²	0,173	102	12.8	60
26542	3 x 3 x 1 mm ²	0,268	117	14.6	135
26529	4 x 2 x 1 mm ²	0,298	123	15.4	120
26543	4 x 3 x 1 mm ²	0,404	138	17.2	180
26530	6 x 2 x 1 mm ²	0,435	147	18.4	180
26532	8 x 2 x 1 mm ²	0,484	158	19.8	240
26533	10 x 2 x 1 mm ²	0,624	180	22.5	300
26545	10 x 3 x 1 mm ²	0,849	208	26	450
26534	12 x 2 x 1 mm ²	0,708	190	23.7	360
26535	14 x 2 x 1 mm ²	0,799	202	25.2	420
26546	14 x 3 x 1 mm ²	1,094	230	28.8	630
26536	19 x 2 x 1 mm ²	1,019	231	28.9	570
26547	19 x 3 x 1 mm ²	1,436	266	33.2	855
26537	24 x 2 x 1 mm ²	1,253	258	32.2	720
26548	24 x 3 x 1 mm ²	1,832	298	37.2	1080
26538	27 x 2 x 1 mm ²	1,377	271	33.9	810
26539	30 x 2 x 1 mm ²	1,590	286	35.8	900
26540	37 x 2 x 1 mm ²	1,890	315	39.4	1110
26550	1 x 2 x 1.5 mm ²	0,117	76	9.5	45
26551	1 x 4 x 1.5 mm ²	0,176	87	10.9	90
26552	2 x 2 x 1.5 mm ²	0,251	119	14.9	90
26566	3 x 3 x 1.5 mm ²	0,323	130	16.3	203
26553	4 x 2 x 1.5 mm ²	0,374	139	17.4	180
26567	4 x 3 x 1.5 mm ²	0,528	157	19.6	270
26554	6 x 2 x 1.5 mm ²	0,574	168	21	270
26525	7 x 2 x 1.5 mm ²	0,586	166	20.8	315
26568	7 x 3 x 1.5 mm ²	0,808	195	24.4	473
26555	8 x 2 x 1.5 mm ²	0,663	178	22.3	360
26556	10 x 2 x 1.5 mm ²	0,788	206	25.7	450
26569	10 x 3 x 1.5 mm ²	1,129	238	29.8	675
26557	12 x 2 x 1.5 mm ²	0,918	214	26.8	540
26558	14 x 2 x 1.5 mm ²	1,040	229	28.6	630
26570	14 x 3 x 1.5 mm ²	1,479	266	33.2	945
26559	19 x 2 x 1.5 mm ²	1,352	263	32.9	855
26571	19 x 3 x 1.5 mm ²	2,016	309	38.6	1283
26560	24 x 2 x 1.5 mm ²	1,744	295	36.9	1080
26572	24 x 3 x 1.5 mm ²	2,462	342	42.8	1620
26561	27 x 2 x 1.5 mm ²	1,933	312	39	1215
26562	30 x 2 x 1.5 mm ²	2,112	326	40.8	1350
26563	37 x 2 x 1.5 mm ²	2,545	361	45.1	1665
26575	1 x 2 x 2.5 mm ²	0,149	84	10.5	75
26565	1 x 3 x 2.5 mm ²	0,190	90	11.3	113
26590	1 x 3 x 2.5 mm ²	0,190	90	11.3	113
26576	1 x 4 x 2.5 mm ²	0,232	98	12.2	150