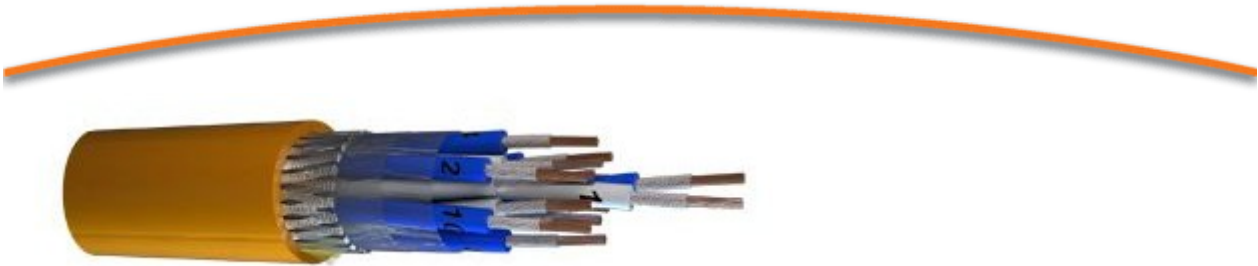


Data- / Signalcables

MarineCom YOZc X-FR 250 V



Fire resistant according to new IEC 60331-1/2 (2009) specifications, control, instrumentation, tele-and data communication cables. The tinned copper braided screen reduces Electro Magnetic Interferences (EMI) and grants extra mechanical protection. The XLHFFR isolation and variable twist lengths of the pairs provide perfect electrical properties and low capacitance for minimal signal loss. The special ripcord provides easy stripping of the outer sheath.

Characteristics	Properties	Unit
Product group	Communication marine-cables	
Series	Scheepskabel	
Type	MarineCom YOZc X-FR 250 V	
Standardization	IEC 60092-350/-351/-376	
Stranding element	Article dependant, see detail sheet	
Conductor category	Class 2 = stranded	
Core insulation	Mica + XLHFFR	
Core identification	Numbers	
Construction outer shield	Tinned copper braiding	
Screen over stranding	Article dependant, see detail sheet	
Material outer sheath	Flame Retardant Halogen Free Polyolefin Compound	
Colour outer sheath	Orange	
Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A	
Insulation integrity in accordance with IEC 60331	Yes	
Maximum conductor temperature	90	°C
min/max installation temperature	-20 / 70	°C
min/max operating temperature	-40 / 70	°C

Partnumber	Construction	Conductor category	Colour outer sheath	Net weight (kg/km)	Bending radius after installation	Outer diameter approx.	Tensile load (N)
26470	1 x 2 x 0,5 mm ²	Class 2 = stranded	Orange	82	32	8,3	15
26485	1 x 3 x 0,5 mm ²	Class 2 = stranded	Orange	99	33	8,2	23
26471	1 x 4 x 0,5 mm ²	Class 2 = stranded	Orange	121	37	9,3	30
26520	2 x 2 x 0,5 mm ²	Class 2 = stranded	Orange	143	69	11,5	30
26486	2 x 3 x 0,5 mm ²	Class 2 = stranded	Orange	176	75	12,5	45
26472	4 x 2 x 0,5 mm ²	Class 2 = stranded	Orange	240	83	13,8	60
26487	4 x 3 x 0,5 mm ²	Class 2 = stranded	Orange	302	91	15,2	90
26473	6 x 2 x 0,5 mm ²	Class 2 = stranded	Orange	339	98	16,4	90
26474	7 x 2 x 0,5 mm ²	Class 2 = stranded	Orange	339	98	16,4	105
26488	7 x 3 x 0,5 mm ²	Class 2 = stranded	Orange	449	113	18,8	158



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Partnumber	Construction	Conductor category	Colour outer sheath	Net weight (kg/km)	Bending radius after installation	Outer diameter approx.	Tensile load (N)
26475	8 x 2 x 0,5 mm ²	Class 2 = stranded	Orange	381	106	17,6	120
26476	10 x 2 x 0,5 mm ²	Class 2 = stranded	Orange	456	120	20	150
26489	10 x 3 x 0,5 mm ²	Class 2 = stranded	Orange	613	137	22,8	225
26477	12 x 2 x 0,5 mm ²	Class 2 = stranded	Orange	515	125	20,8	180
26478	14 x 2 x 0,5 mm ²	Class 2 = stranded	Orange	576	134	22,3	210
26490	14 x 3 x 0,5 mm ²	Class 2 = stranded	Orange	778	152	25,3	315
26479	19 x 2 x 0,5 mm ²	Class 2 = stranded	Orange	740	153	25,5	285
26491	19 x 3 x 0,5 mm ²	Class 2 = stranded	Orange	986	173	28,8	428
26480	24 x 2 x 0,5 mm ²	Class 2 = stranded	Orange	891	169	28,2	360
26492	24 x 3 x 0,5 mm ²	Class 2 = stranded	Orange	1196	192	32	540
26481	27 x 2 x 0,5 mm ²	Class 2 = stranded	Orange	965	178	29,6	405
26482	30 x 2 x 0,5 mm ²	Class 2 = stranded	Orange	1070	187	31,2	450
26483	37 x 2 x 0,5 mm ²	Class 2 = stranded	Orange	1268	205	34,2	555
26500	1 x 2 x 0,75 mm ²	Class 2 = stranded	Orange	90	33	8,2	23
26515	1 x 3 x 0,75 mm ²	Class 2 = stranded	Orange	103	33	8,2	34
26501	1 x 4 x 0,75 mm ²	Class 2 = stranded	Orange	138	38	9,5	45
26502	2 x 2 x 0,75 mm ²	Class 2 = stranded	Orange	164	73	12,2	45
26516	2 x 3 x 0,75 mm ²	Class 2 = stranded	Orange	203	81	13,1	68
26503	4 x 2 x 0,75 mm ²	Class 2 = stranded	Orange	279	86	14,7	90
26517	4 x 3 x 0,75 mm ²	Class 2 = stranded	Orange	349	96	16	135
26504	6 x 2 x 0,75 mm ²	Class 2 = stranded	Orange	391	103	17,1	135
26505	7 x 2 x 0,75 mm ²	Class 2 = stranded	Orange	404	103	17,9	158
26518	7 x 3 x 0,75 mm ²	Class 2 = stranded	Orange	539	121	20,1	236
26506	8 x 2 x 0,75 mm ²	Class 2 = stranded	Orange	445	109	18,9	180
26507	10 x 2 x 0,75 mm ²	Class 2 = stranded	Orange	538	126	21	225
26519	10 x 3 x 0,75 mm ²	Class 2 = stranded	Orange	729	145	24,2	338
26508	12 x 2 x 0,75 mm ²	Class 2 = stranded	Orange	621	133	22,2	270
26509	14 x 2 x 0,75 mm ²	Class 2 = stranded	Orange	688	142	23,6	315
26521	14 x 3 x 0,75 mm ²	Class 2 = stranded	Orange	936	161	26,8	473
26510	19 x 2 x 0,75 mm ²	Class 2 = stranded	Orange	887	161	27,3	428
26522	19 x 3 x 0,75 mm ²	Class 2 = stranded	Orange	1228	185	30,8	641
26511	24 x 2 x 0,75 mm ²	Class 2 = stranded	Orange	1087	179	29,8	540
26523	24 x 3 x 0,75 mm ²	Class 2 = stranded	Orange	1494	205	34,2	810
26512	27 x 2 x 0,75 mm ²	Class 2 = stranded	Orange	1214	189	31,5	608
26513	30 x 2 x 0,75 mm ²	Class 2 = stranded	Orange	1332	199	33,2	675
26514	37 x 2 x 0,75 mm ²	Class 2 = stranded	Orange	1574	217	36,2	833
26526	1 x 2 x 1 mm ²	Class 2 = stranded	Orange	106	36	8,9	30
26541	1 x 3 x 1 mm ²	Class 2 = stranded	Orange	124	37	9,3	45
26527	1 x 4 x 1 mm ²	Class 2 = stranded	Orange	152	41	10,2	60
26528	2 x 2 x 1 mm ²	Class 2 = stranded	Orange	184	80	13,0	60
26542	2 x 3 x 1 mm ²	Class 2 = stranded	Orange	268	88	14,6	90
26543	4 x 3 x 1 mm ²	Class 2 = stranded	Orange	406	103	17,2	180
26532	8 x 2 x 1 mm ²	Class 2 = stranded	Orange	515	120	20	240
26533	10 x 2 x 1 mm ²	Class 2 = stranded	Orange	637	136	22,7	300


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Partnumber	Construction	Conductor category	Colour outer sheath	Net weight (kg/km)	Bending radius after installation	Outer diameter approx.	Tensile load (N)
26545	10 x 3 x 1 mm ²	Class 2 = stranded	Orange	852	156	26	450
26534	12 x 2 x 1 mm ²	Class 2 = stranded	Orange	711	142	23,7	360
26535	14 x 2 x 1 mm ²	Class 2 = stranded	Orange	802	151	25,2	420
26546	14 x 3 x 1 mm ²	Class 2 = stranded	Orange	1099	173	28,8	630
26536	19 x 2 x 1 mm ²	Class 2 = stranded	Orange	1036	175	29,1	570
26547	19 x 3 x 1 mm ²	Class 2 = stranded	Orange	1443	199	33,2	855
26537	24 x 2 x 1 mm ²	Class 2 = stranded	Orange	1259	193	32,2	720
26548	24 x 3 x 1 mm ²	Class 2 = stranded	Orange	1840	223	37,2	1080
26538	27 x 2 x 1 mm ²	Class 2 = stranded	Orange	1398	205	34,1	810
26539	30 x 2 x 1 mm ²	Class 2 = stranded	Orange	1613	216	36	900
26540	37 x 2 x 1 mm ²	Class 2 = stranded	Orange	1917	238	39,6	1110
26550	1 x 2 x 1,5 mm ²	Class 2 = stranded	Orange	125	39	9,7	45
26551	1 x 4 x 1,5 mm ²	Class 2 = stranded	Orange	192	45	11,3	90
26552	2 x 2 x 1,5 mm ²	Class 2 = stranded	Orange	272	91	15,1	90
26566	2 x 3 x 1,5 mm ²	Class 2 = stranded	Orange	329	98	16,3	135
26553	4 x 2 x 1,5 mm ²	Class 2 = stranded	Orange	401	106	17,8	180
26567	4 x 3 x 1,5 mm ²	Class 2 = stranded	Orange	531	118	19,6	270
26554	6 x 2 x 1,5 mm ²	Class 2 = stranded	Orange	570	126	21	270
26525	7 x 2 x 1,5 mm ²	Class 2 = stranded	Orange	600	126	21	315
26568	7 x 3 x 1,5 mm ²	Class 2 = stranded	Orange	812	146	24,4	473
26555	8 x 2 x 1,5 mm ²	Class 2 = stranded	Orange	677	135	22,5	360
26556	10 x 2 x 1,5 mm ²	Class 2 = stranded	Orange	821	154	25,7	450
26569	10 x 3 x 1,5 mm ²	Class 2 = stranded	Orange	1135	179	29,8	675
26557	12 x 2 x 1,5 mm ²	Class 2 = stranded	Orange	922	161	26,8	540
26558	14 x 2 x 1,5 mm ²	Class 2 = stranded	Orange	1058	173	28,8	630
26570	14 x 3 x 1,5 mm ²	Class 2 = stranded	Orange	1487	199	33,2	945
26559	19 x 2 x 1,5 mm ²	Class 2 = stranded	Orange	1354	197	32,9	855
26571	19 x 3 x 1,5 mm ²	Class 2 = stranded	Orange	2027	232	38,6	1283
26560	24 x 2 x 1,5 mm ²	Class 2 = stranded	Orange	1769	297	37,1	1080
26572	24 x 3 x 1,5 mm ²	Class 2 = stranded	Orange	2479	342	42,8	1620
26561	27 x 2 x 1,5 mm ²	Class 2 = stranded	Orange	1961	314	39,2	1215
26562	30 x 2 x 1,5 mm ²	Class 2 = stranded	Orange	2142	328	41	1350
26563	37 x 2 x 1,5 mm ²	Class 2 = stranded	Orange	2580	362	45,3	1665
26575	1 x 2 x 2,5 mm ²	Class 2 = stranded	Orange	156	64	10,7	75
26590	1 x 3 x 2,5 mm ²	Class 2 = stranded	Orange	202	69	11,5	113
26565	1 x 3 x 2,5 mm ²	Class 2 = stranded	Orange	202	46	11,5	113
26576	1 x 4 x 2,5 mm ²	Class 2 = stranded	Orange	249	74	12,4	150
26577	2 x 2 x 2,5 mm ²	Class 2 = stranded	Orange	344	101	16,9	150
26591	2 x 3 x 2,5 mm ²	Class 2 = stranded	Orange	430	109	18,2	225
26592	4 x 3 x 2,5 mm ²	Class 2 = stranded	Orange	688	130	21,7	450
26593	7 x 3 x 2,5 mm ²	Class 2 = stranded	Orange	1112	165	27,5	788
26581	8 x 2 x 2,5 mm ²	Class 2 = stranded	Orange	897	152	25,4	600
26582	10 x 2 x 2,5 mm ²	Class 2 = stranded	Orange	1091	174	29	750
26594	10 x 3 x 2,5 mm ²	Class 2 = stranded	Orange	1535	201	33,5	1125

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Partnumber	Construction	Conductor category	Colour outer sheath	Net weight (kg/km)	Bending radius after installation	Outer diameter approx.	Tensile load (N)
26583	12 x 2 x 2,5 mm ²	Class 2 = stranded	Orange	1267	183	30,5	900
26584	14 x 2 x 2,5 mm ²	Class 2 = stranded	Orange	1423	196	32,6	1050
26595	14 x 3 x 2,5 mm ²	Class 2 = stranded	Orange	2095	226	37,6	1575
26585	19 x 2 x 2,5 mm ²	Class 2 = stranded	Orange	1957	227	37,9	1425
26596	19 x 3 x 2,5 mm ²	Class 2 = stranded	Orange	2746	259	43,2	2138
26586	24 x 2 x 2,5 mm ²	Class 2 = stranded	Orange	2415	338	42,2	1800
26597	24 x 3 x 2,5 mm ²	Class 2 = stranded	Orange	3398	385	48,1	2700
26587	27 x 2 x 2,5 mm ²	Class 2 = stranded	Orange	2685	357	44,6	2025
26588	30 x 2 x 2,5 mm ²	Class 2 = stranded	Orange	2955	374	46,7	2250
26589	37 x 2 x 2,5 mm ²	Class 2 = stranded	Orange	3587	414	51,7	2775