Marine & Offshore

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	Shipboard cable	
Type	MarineCom YOZc X-FR 250 V	
Standardization	IEC 60092-350/-351/-376	
Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A	
Conductor category	Class 2 = stranded	
Stranding element	Pair	
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	
Colour outer sheath	Orange	
Maximum conductor temperature	90	°C
Operating temperature, flexible	-20 / 70	°C
Operating temperature, fixed	-40 / 70	°C
Specification	See appendix	

Partnumber	Construction	Conductor category	Net weight (kg/km)	radius after installation (mm)	Outer diameter approx. (mm)	Tensile load (N)
26470	1 x 2 x 0,5 mm²	Class 2 = stranded	82	32	7,9	15
26485	1 x 3 x 0,5 mm²	Class 2 = stranded	94	33	8,2	23
26471	1 x 4 x 0,5 mm²	Class 2 = stranded	119	37	9,3	30
26520	2 x 2 x 0,5 mm²	Class 2 = stranded	144	69	11,5	30
26486	2 x 3 x 0,5 mm²	Class 2 = stranded	176	75	12,5	45
26472	4 x 2 x 0,5 mm²	Class 2 = stranded	240	83	13,8	60
26487	4 x 3 x 0,5 mm²	Class 2 = stranded	302	91	15,2	90
26473	6 x 2 x 0,5 mm²	Class 2 = stranded	339	98	16,4	90
26474	7 x 2 x 0,5 mm²	Class 2 = stranded	339	98	16,4	105
26488	7 x 3 x 0,5 mm²	Class 2 = stranded	449	113	18,8	158
26475	8 x 2 x 0,5 mm²	Class 2 = stranded	382	106	17,6	120
26476	10 x 2 x 0,5 mm²	Class 2 = stranded	456	120	20	150
26489	10 x 3 x 0,5 mm²	Class 2 = stranded	613	137	22,8	225
26477	12 x 2 x 0,5 mm²	Class 2 = stranded	515	125	20,8	180

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Partnumber	Construction	Conductor category	Net weight (kg/km)	Bending radius after installation (mm)	Outer diameter approx. (mm)	Tensile load (N)
26478	14 x 2 x 0,5 mm²	Class 2 = stranded	576	134	22,3	210
26490	14 x 3 x 0,5 mm²	Class 2 = stranded	778	152	25,3	315
26479	19 x 2 x 0,5 mm²	Class 2 = stranded	740	153	25,5	285
26491	19 x 3 x 0,5 mm²	Class 2 = stranded	986	173	28,8	428
26480	24 x 2 x 0,5 mm²	Class 2 = stranded	891	169	28,2	360
26492	24 x 3 x 0,5 mm²	Class 2 = stranded	1196	192	32	540
26481	27 x 2 x 0,5 mm²	Class 2 = stranded	965	178	29,6	405
26482	30 x 2 x 0,5 mm²	Class 2 = stranded	1070	187	31,2	450
26483	37 x 2 x 0,5 mm²	Class 2 = stranded	1268	205	34,2	555
26500	1 x 2 x 0,75 mm²	Class 2 = stranded	91	33	8,2	23
26515	1 x 3 x 0,75 mm²	Class 2 = stranded	107	33	8,2	34
26501	1 x 4 x 0,75 mm²	Class 2 = stranded	137	38	9,5	45
26502	2 x 2 x 0,75 mm²	Class 2 = stranded	165	73	12,2	45
26516	2 x 3 x 0,75 mm²	Class 2 = stranded	231	81	13,5	68
26503	4 x 2 x 0,75 mm²	Class 2 = stranded	245	86	14,3	90
26517	4 x 3 x 0,75 mm²	Class 2 = stranded	349	96	16	135
26504	6 x 2 x 0,75 mm²	Class 2 = stranded	356	103	17,1	135
26505	7 x 2 x 0,75 mm²	Class 2 = stranded	366	103	17,1	158
26518	7 x 3 x 0,75 mm²	Class 2 = stranded	539	121	20,1	236
26506	8 x 2 x 0,75 mm²	Class 2 = stranded	404	109	18,1	180
26507	10 x 2 x 0,75 mm²	Class 2 = stranded	549	126	21	225
26519	10 x 3 x 0,75 mm²	Class 2 = stranded	729	145	24,2	338
26508	12 x 2 x 0,75 mm²	Class 2 = stranded	631	133	22,2	270
26509	14 x 2 x 0,75 mm²	Class 2 = stranded	710	142	23,6	315
26521	14 x 3 x 0,75 mm²	Class 2 = stranded	936	161	26,8	473
26510	19 x 2 x 0,75 mm²	Class 2 = stranded	898	161	26,9	428
26522	19 x 3 x 0,75 mm²	Class 2 = stranded	1228	185	30,8	641
26511	24 x 2 x 0,75 mm²	Class 2 = stranded	1087	179	29,8	540
26523	24 x 3 x 0,75 mm²	Class 2 = stranded	1494	205	34,2	810
26512	27 x 2 x 0,75 mm²	Class 2 = stranded	1214	189	31,5	608
26513	30 x 2 x 0,75 mm²	Class 2 = stranded	1332	199	33,2	675
26514	37 x 2 x 0,75 mm²	Class 2 = stranded	1574	217	36,2	833
26526	1 x 2 x 1 mm²	Class 2 = stranded	106	36	8,9	30
26541	1 x 3 x 1 mm²	Class 2 = stranded	124	37	9,3	45
26527	1 x 4 x 1 mm²	Class 2 = stranded	152	41	10,2	60
26528	2 x 2 x 1 mm²	Class 2 = stranded	215	80	13,4	60
26542	2 x 3 x 1 mm²	Class 2 = stranded	268	88	14,6	90
26543	4 x 3 x 1 mm²	Class 2 = stranded	406	103	17,2	180
26532	8 x 2 x 1 mm²	Class 2 = stranded	516	120	20	240
26533	10 x 2 x 1 mm²	Class 2 = stranded	637	136	22,7	300
26545	10 x 3 x 1 mm²	Class 2 = stranded	852	156	26	450
26534	12 x 2 x 1 mm²	Class 2 = stranded	711	142	23,7	360
26535	14 x 2 x 1 mm²	Class 2 = stranded	802	151	25,2	420
26546	14 x 3 x 1 mm²	Class 2 = stranded	1099	173	28,8	630
26536	19 x 2 x 1 mm²	Class 2 = stranded	1036	175	29,1	570
26547	19 x 3 x 1 mm²	Class 2 = stranded	1443	199	33,2	855
26537	24 x 2 x 1 mm²	Class 2 = stranded	1259	193	32,2	720

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26548	24 x 3 x 1 mm²	Class 2 = stranded	1840	223	37,2	1080
26538	27 x 2 x 1 mm²	Class 2 = stranded	1398	205	34,1	810
26539	30 x 2 x 1 mm²	Class 2 = stranded	1613	216	36	900
26540	37 x 2 x 1 mm²	Class 2 = stranded	1917	238	39,6	1110
26550	1 x 2 x 1,5 mm²	Class 2 = stranded	127	39	9,7	45
26551	1 x 4 x 1,5 mm²	Class 2 = stranded	192	45	11,3	90
26552	2 x 2 x 1,5 mm²	Class 2 = stranded	274	91	15,1	90
26566	2 x 3 x 1,5 mm²	Class 2 = stranded	337	98	16,3	135
26553	4 x 2 x 1,5 mm²	Class 2 = stranded	405	106	17,6	180
26567	4 x 3 x 1,5 mm²	Class 2 = stranded	531	118	19,6	270
26554	6 x 2 x 1,5 mm²	Class 2 = stranded	552	126	21	270
26568	7 x 3 x 1,5 mm²	Class 2 = stranded	812	146	24,4	473
26555	8 x 2 x 1,5 mm²	Class 2 = stranded	677	135	22,5	360
26556	10 x 2 x 1,5 mm²	Class 2 = stranded	821	154	25,7	450
26569	10 x 3 x 1,5 mm²	Class 2 = stranded	1135	179	29,8	675
26557	12 x 2 x 1,5 mm²	Class 2 = stranded	922	161	26,8	540
26558	14 x 2 x 1,5 mm²	Class 2 = stranded	1058	173	28,8	630
26570	14 x 3 x 1,5 mm²	Class 2 = stranded	1487	199	33,2	945
26559	19 x 2 x 1,5 mm²	Class 2 = stranded	1370	197	32,9	855
26571	19 x 3 x 1,5 mm²	Class 2 = stranded	2027	232	38,6	1283
26560	24 x 2 x 1,5 mm²	Class 2 = stranded	1769	223	37,1	1080
26572	24 x 3 x 1,5 mm²	Class 2 = stranded	2479	257	42,8	1620
26561	27 x 2 x 1,5 mm²	Class 2 = stranded	1961	235	39,2	1215
26562	30 x 2 x 1,5 mm²	Class 2 = stranded	2142	246	41	1350
26563	37 x 2 x 1,5 mm²	Class 2 = stranded	2580	272	45,3	1665
26575	1 x 2 x 2,5 mm²	Class 2 = stranded	157	64	10,7	75
26565	1 x 3 x 2,5 mm²	Class 2 = stranded	202	46	11,5	113
26590	1 x 3 x 2,5 mm²	Class 2 = stranded	202	69	11,5	113
26576	1 x 4 x 2,5 mm²	Class 2 = stranded	250	74	12,4	150
26577	2 x 2 x 2,5 mm²	Class 2 = stranded	344	101	16,9	150
26591	2 x 3 x 2,5 mm²	Class 2 = stranded	430	109	18,2	225
26592	4 x 3 x 2,5 mm²	Class 2 = stranded	688	130	21,7	450
26593	7 x 3 x 2,5 mm²	Class 2 = stranded	1112	165	27,5	788
26581	8 x 2 x 2,5 mm²	Class 2 = stranded	897	152	25,4	600
26582	10 x 2 x 2,5 mm²	Class 2 = stranded	1091	174	29	750
26594	10 x 3 x 2,5 mm²	Class 2 = stranded	1535	201	33,5	1125
26583	12 x 2 x 2,5 mm²	Class 2 = stranded	1267	183	30,5	900
26584	14 x 2 x 2,5 mm²	Class 2 = stranded	1423	196	32,6	1050
26595	14 x 3 x 2,5 mm²	Class 2 = stranded	2095	226	37,6	1575
26585	19 x 2 x 2,5 mm²	Class 2 = stranded	1957	227	37,9	1425
26596	19 x 3 x 2,5 mm²	Class 2 = stranded	2746	259	43,2	2138
26586	24 x 2 x 2,5 mm²	Class 2 = stranded	2415	253	42,2	1800
26597	24 x 3 x 2,5 mm²	Class 2 = stranded	3398	289	48,1	2700
26587	27 x 2 x 2,5 mm²	Class 2 = stranded	2685	268	44,6	2025
26588	30 x 2 x 2,5 mm²	Class 2 = stranded	2955	280	46,7	2250
26589	37 x 2 x 2,5 mm²	Class 2 = stranded	3587	310	51,7	2775