Marine & Offshore

Marine2Com YOZ2c 250 V

The combination of the overall braid, individual and overall pair screening, and tinned copper drain wires of the Marine2Com cables grants optimal protection against electro Magnetic Interference (EMI). The XLPE isolation and variable twist lengths of the pairs provides perfect electrical properties and low capacitance for minimal signal loss.

Characteristics	Properties	Unit
Product group	Communication marine cables	
Series	Shipboard cable	
Type	Marine2Com YOZ2c 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	XLPE	
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	
Colour outer sheath	Grey	
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)
17223	2 x 2 x 0,5 mm²	Class 2 = stranded	134	82	10,3	30
17280	2 x 3 x 0,5 mm²	Class 2 = stranded	158	89	11,1	45
17224	4 x 2 x 0,5 mm²	Class 2 = stranded	192	95	11,9	60
17281	4 x 3 x 0,5 mm²	Class 2 = stranded	226	103	12,9	90
17225	6 x 2 x 0,5 mm²	Class 2 = stranded	272	114	14,2	90
17226	7 x 2 x 0,5 mm²	Class 2 = stranded	277	114	14,2	105
17282	7 x 3 x 0,5 mm²	Class 2 = stranded	342	127	15,9	158
17227	8 x 2 x 0,5 mm²	Class 2 = stranded	307	120	15	120
17228	10 x 2 x 0,5 mm²	Class 2 = stranded	376	137	17,1	150
17283	10 x 3 x 0,5 mm²	Class 2 = stranded	468	155	19,4	225
17229	12 x 2 x 0,5 mm²	Class 2 = stranded	420	142	17,8	180
17230	14 x 2 x 0,5 mm²	Class 2 = stranded	471	151	18,9	210
17284	14 x 3 x 0,5 mm²	Class 2 = stranded	646	174	21,7	315
17231	19 x 2 x 0,5 mm²	Class 2 = stranded	657	176	22	285
17285	19 x 3 x 0,5 mm²	Class 2 = stranded	833	198	24,7	428

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Partnumber	Construction	Conductor category	Net weight (kg/km)	Bending radius after installation (mm)	Outer diameter approx. (mm)	Tensile load (N)
17232	24 x 2 x 0,5 mm²	Class 2 = stranded	796	195	24,4	360
17286	24 x 3 x 0,5 mm²	Class 2 = stranded	1010	219	27,4	540
17233	27 x 2 x 0,5 mm²	Class 2 = stranded	890	206	25,8	405
17234	30 x 2 x 0,5 mm²	Class 2 = stranded	958	215	26,9	450
17235	37 x 2 x 0,5 mm²	Class 2 = stranded	1144	236	29,5	555
16290	2 x 2 x 0,75 mm²	Class 2 = stranded	159	90	11,3	45
17290	2 x 3 x 0,75 mm²	Class 2 = stranded	185	95	11,9	68
16291	4 x 2 x 0,75 mm²	Class 2 = stranded	229	103	12,9	90
17291	4 x 3 x 0,75 mm²	Class 2 = stranded	280	112	14	135
16292	6 x 2 x 0,75 mm²	Class 2 = stranded	326	123	15,4	135
16293	7 x 2 x 0,75 mm²	Class 2 = stranded	332	123	15,4	158
17292	7 x 3 x 0,75 mm²	Class 2 = stranded	421	137	17,1	236
17237	8 x 2 x 0,75 mm²	Class 2 = stranded	377	130	16,3	180
16294	10 x 2 x 0,75 mm²	Class 2 = stranded	451	149	18,6	225
17293	10 x 3 x 0,75 mm²	Class 2 = stranded	635	170	21,3	338
17238	12 x 2 x 0,75 mm²	Class 2 = stranded	509	153	19,1	270
16295	14 x 2 x 0,75 mm²	Class 2 = stranded	587	167	20,9	315
17294	14 x 3 x 0,75 mm²	Class 2 = stranded	814	188	23,5	473
16296	19 x 2 x 0,75 mm²	Class 2 = stranded	826	194	24,2	428
17295	19 x 3 x 0,75 mm²	Class 2 = stranded	1041	214	26,8	641
16297	24 x 2 x 0,75 mm²	Class 2 = stranded	1003	215	26,9	540
17296	24 x 3 x 0,75 mm²	Class 2 = stranded	1283	238	29,7	810
17239	27 x 2 x 0,75 mm²	Class 2 = stranded	1092	222	27,8	608
16298	30 x 2 x 0,75 mm²	Class 2 = stranded	1203	238	29,7	675
16299	37 x 2 x 0,75 mm²	Class 2 = stranded	1427	261	32,6	833
17243	2 x 2 x 1 mm²	Class 2 = stranded	175	94	11,8	60
17300	2 x 3 x 1 mm²	Class 2 = stranded	205	101	12,6	90
17244	4 x 2 x 1 mm²	Class 2 = stranded	253	108	13,5	120
17301	4 x 3 x 1 mm²	Class 2 = stranded	318	119	14,9	180
17245	6 x 2 x 1 mm²	Class 2 = stranded	366	130	16,2	180
17246	7 x 2 x 1 mm²	Class 2 = stranded	376	130	16,2	210
17242	7 x 3 x 1 mm²	Class 2 = stranded	489	148	18,5	315
17247	8 x 2 x 1 mm²	Class 2 = stranded	425	139	17,4	240
17248	10 x 2 x 1 mm²	Class 2 = stranded	522	158	19,8	300
17303	10 x 3 x 1 mm²	Class 2 = stranded	736	183	22,9	450
17249	12 x 2 x 1 mm²	Class 2 = stranded	588	166	20,7	360
17250	14 x 2 x 1 mm²	Class 2 = stranded	728	179	22,4	420
17304	14 x 3 x 1 mm²	Class 2 = stranded	886	198	24,8	630
17251	19 x 2 x 1 mm²	Class 2 = stranded	927	204	25,5	570
17305	19 x 3 x 1 mm²	Class 2 = stranded	1210	230	28,7	855
17252	24 x 2 x 1 mm²	Class 2 = stranded	1141	228	28,5	720
17256	24 x 3 x 1 mm²	Class 2 = stranded	1401	257	32,1	1080
17253	27 x 2 x 1 mm²	Class 2 = stranded	1259	239	29,9	810
17254	30 x 2 x 1 mm²	Class 2 = stranded	1363	250	31,3	900
17255	37 x 2 x 1 mm²	Class 2 = stranded	1635	275	34,4	1110
16333	2 x 2 x 1,5 mm²	Class 2 = stranded	224	111	13,9	90

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Partnumber	Construction	Conductor category	Net weight (kg/km)	Bending radius after installation (mm)	Outer diameter approx. (mm)	Tensile load (N)
17310	2 x 3 x 1,5 mm²	Class 2 = stranded	271	118	14,8	135
17311	4 x 3 x 1,5 mm²	Class 2 = stranded	427	141	17,6	270
16334	6 x 2 x 1,5 mm²	Class 2 = stranded	486	154	19,2	270
16336	7 x 2 x 1,5 mm²	Class 2 = stranded	514	155	19,4	315
17312	7 x 3 x 1,5 mm²	Class 2 = stranded	728	179	22,4	473
16337	8 x 2 x 1,5 mm²	Class 2 = stranded	569	165	20,6	360
16338	10 x 2 x 1,5 mm²	Class 2 = stranded	756	192	24	450
17317	10 x 3 x 1,5 mm²	Class 2 = stranded	998	218	27,3	675
16339	12 x 2 x 1,5 mm²	Class 2 = stranded	1032	200	25	540
16340	14 x 2 x 1,5 mm²	Class 2 = stranded	975	214	26,8	630
17314	14 x 3 x 1,5 mm²	Class 2 = stranded	1291	242	30,2	945
16341	19 x 2 x 1,5 mm²	Class 2 = stranded	1262	246	30,7	855
17315	19 x 3 x 1,5 mm²	Class 2 = stranded	1661	276	34,5	1283
16342	24 x 2 x 1,5 mm²	Class 2 = stranded	1498	274	34,2	1080
17316	24 x 3 x 1,5 mm²	Class 2 = stranded	1960	310	38,7	1620
16343	27 x 2 x 1,5 mm²	Class 2 = stranded	1601	288	36	1215
16344	30 x 2 x 1,5 mm²	Class 2 = stranded	1754	302	37,8	1350
16345	37 x 2 x 1,5 mm²	Class 2 = stranded	856	336	42	1665
17263	2 x 2 x 2,5 mm²	Class 2 = stranded	291	125	15,6	150
17320	2 x 3 x 2,5 mm²	Class 2 = stranded	358	134	16,8	225
17276	4 x 2 x 2,5 mm²	Class 2 = stranded	452	146	18,2	300
17321	4 x 3 x 2,5 mm²	Class 2 = stranded	586	160	20	450
17265	6 x 2 x 2,5 mm²	Class 2 = stranded	714	178	22,3	450
17266	7 x 2 x 2,5 mm²	Class 2 = stranded	751	178	22,3	525
17322	7 x 3 x 2,5 mm²	Class 2 = stranded	987	203	25,4	788
17267	8 x 2 x 2,5 mm²	Class 2 = stranded	834	191	23,9	600
17268	10 x 2 x 2,5 mm²	Class 2 = stranded	1032	218	27,2	750
17323	10 x 3 x 2,5 mm²	Class 2 = stranded	1363	248	31	1125
17269	12 x 2 x 2,5 mm²	Class 2 = stranded	1184	230	28,7	900
17270	14 x 2 x 2,5 mm²	Class 2 = stranded	1342	244	30,5	1050
17324	14 x 3 x 2,5 mm²	Class 2 = stranded	1786	275	34,4	1575
17271	19 x 2 x 2,5 mm²	Class 2 = stranded	1729	279	34,9	1425
17325	19 x 3 x 2,5 mm²	Class 2 = stranded	2342	317	39,6	2138
17272	24 x 2 x 2,5 mm²	Class 2 = stranded	2055	314	39,2	1800
17326	24 x 3 x 2,5 mm²	Class 2 = stranded	2735	354	44,2	2700
17273	27 x 2 x 2,5 mm²	Class 2 = stranded	2214	330	41,2	2025
17274	30 x 2 x 2,5 mm²	Class 2 = stranded	2608	346	43,2	2250
17275	37 x 2 x 2,5 mm²	Class 2 = stranded	928	381	47,6	2775