



Marine2Com YOZ2c 250 V

21-10-2019

Properties

Application:

Lightweight, individual pair and overall screened, armoured, control, instrumentation, tele- and data cable.

Characteristics:

- Twisted pairs, triples or quads, individual pair and overall screening
- Perfect electrical properties and low capacitance for minimal signal loss
- Halogen free and low smoke, flame retardant
- Extra mechanical protection and reduced EMI due to the tinned copper braided screen
- Different colour outer sheaths, other than grey, available on request

Core identification:

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



Specifications

Product group	<i>Data and communication cable</i>
Type	<i>Marine2Com YOZ2c 250 V</i>
Certified for shipboard application	<i>Product dependent</i>
Standardization	<i>IEC 60092-350/-360/-376</i>
Conductor material	<i>Copper</i>
Conductor surface	<i>Bare</i>
Conductor category	<i>Class 2 = stranded</i>
Stranding element	<i>Product dependent</i>
Core insulation	<i>XLPE (VPE)</i>
Screen over stranding element	<i>Alpet tape</i>
Overall stranding screen	<i>Foil + braiding</i>
Material outer sheath	<i>Flame Retardant Halogen Free Polyolefin Compound</i>
Colour outer sheath	<i>Product dependent</i>



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Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A
Halogen free	IEC 60754-1/2
Low smoke	IEC 61034-2
Permitted cable outer temperature, in movement	-20 / 70 °C
Permitted cable outer temperature, fixed	-40 / 70 °C
Nominal voltage U	250 V
Test voltage	1500 V
Max. conductor temperature	90 °C

109 products

Part number	Construction	Conductor category	Colour outer sheath	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
17223	2 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,126		10	30
17280	3 x 3 x 0,5 mm ²	Class 2 = stranded	Grey	0,152		10,9	68
17224	4 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,185		11,7	60
17281	4 x 3 x 0,5 mm ²	Class 2 = stranded	Grey	0,220		12,6	90
17225	6 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,307		14,5	90
17226	7 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,272		13,9	105
17282	7 x 3 x 0,5 mm ²	Class 2 = stranded	Grey	0,373		16,2	158
17227	8 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,334		15,3	120
17228	10 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,406		17,3	150
17283	10 x 3 x 0,5 mm ²	Class 2 = stranded	Grey	0,510		19,8	225



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17229	12 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,466		18,1	180
17230	14 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,516		19,4	210
17284	14 x 3 x 0,5 mm ²	Class 2 = stranded	Grey	0,642		21,7	315
17231	19 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,656		22	285
17285	19 x 3 x 0,5 mm ²	Class 2 = stranded	Grey	0,824		24,7	428
17232	24 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,798		24,4	360
17286	24 x 3 x 0,5 mm ²	Class 2 = stranded	Grey	1,008		27,4	540
17233	27 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,889		25,8	405
17234	30 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,965		26,9	450
17235	37 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	1,157		29,5	555
16329	1 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,079		7,0	20
16348	1 x 3 x 0,75 mm ²	Class 2 = stranded	Grey	0,090		7,5	34
16290	2 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,144		10,9	45
16300	2 x 2 x 0,75 mm ²	Class 2 = stranded	Blue	0,143		10,9	45
16328	2 x 2 x 0,75 mm ²	Class 2 = stranded	Purple/violet	0,143		10,9	45



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16331	3 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,178		11,7	68
17290	3 x 3 x 0,75 mm ²	Class 2 = stranded	Grey	0,171		11,7	101
16291	4 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,216		12,7	90
17291	4 x 3 x 0,75 mm ²	Class 2 = stranded	Grey	0,293		14,2	135
16332	5 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,288		14,4	113
16292	6 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,356		15,8	135
16293	7 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,351		15,8	158
17292	7 x 3 x 0,75 mm ²	Class 2 = stranded	Grey	0,434		17,5	236
17237	8 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,392		16,3	180
16294	10 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,476		19	225
17293	10 x 3 x 0,75 mm ²	Class 2 = stranded	Grey	0,596		21,3	338
17238	12 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,528		19,5	270
16295	14 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,611		21,3	315
17294	14 x 3 x 0,75 mm ²	Class 2 = stranded	Grey	0,772		23,3	473
16296	19 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,775		24,2	428



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17295	19 x 3 x 0,75 mm ²	Class 2 = stranded	Grey	0,991		26,8	641
16297	24 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,951		26,9	540
17296	24 x 3 x 0,75 mm ²	Class 2 = stranded	Grey	1,210		29,7	810
17239	27 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	1,035		27,8	608
16298	30 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	1,147		29,7	675
16299	37 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	1,375		32,4	833
17243	2 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,166		11,6	60
17241	3 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,200		12,3	68
17300	3 x 3 x 1 mm ²	Class 2 = stranded	Grey	0,194		12,4	135
17244	4 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,241		14,1	120
17301	4 x 3 x 1 mm ²	Class 2 = stranded	Grey	0,338		15,3	180
17245	6 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,406		16,8	180
17246	7 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,398		16,6	210
17242	7 x 3 x 1 mm ²	Class 2 = stranded	Grey	0,521		18,9	315
17247	8 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,450		17,8	240



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17248	10 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,547		20,2	300
17303	10 x 3 x 1 mm ²	Class 2 = stranded	Grey	0,710		22,9	450
17249	12 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,620		21,1	360
17250	14 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,699		22,4	420
17304	14 x 3 x 1 mm ²	Class 2 = stranded	Grey	0,908		25,2	630
17251	19 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,900		25,5	570
17305	19 x 3 x 1 mm ²	Class 2 = stranded	Grey	1,172		28,7	855
17252	24 x 2 x 1 mm ²	Class 2 = stranded	Grey	1,112		28,5	720
17256	24 x 3 x 1 mm ²	Class 2 = stranded	Grey	1,457		32,1	1080
17253	27 x 2 x 1 mm ²	Class 2 = stranded	Grey	1,224		29,9	810
17254	30 x 2 x 1 mm ²	Class 2 = stranded	Grey	1,333		31,3	900
17255	37 x 2 x 1 mm ²	Class 2 = stranded	Grey	1,604		34,4	1110
16347	1 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	0,106		8,6	45
16333	2 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	0,243		14,3	90
17310	2 x 3 x 1,5 mm ²	Class 2 = stranded	Grey	0,290		14,8	135



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16335	4 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	0,360		16	180
17311	4 x 3 x 1,5 mm ²	Class 2 = stranded	Grey	0,460		18	270
16334	6 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	0,537		19,6	270
16336	7 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	0,525		19,8	315
17312	7 x 3 x 1,5 mm ²	Class 2 = stranded	Grey	0,707		22,4	473
16337	8 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	0,590		21	360
16338	10 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	0,730		24	450
17317	10 x 3 x 1,5 mm ²	Class 2 = stranded	Grey	0,959		27,3	675
16339	12 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	0,827		25	540
16340	14 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	0,947		26,8	630
17314	14 x 3 x 1,5 mm ²	Class 2 = stranded	Grey	1,247		30,2	945
16341	19 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	1,225		30,5	855
17315	19 x 3 x 1,5 mm ²	Class 2 = stranded	Grey	1,618		34,5	1283
16346	20 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	1,275		31,1	900
16342	24 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	1,514		34,2	1080



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Part number	Construction	Conductor category	Colour outer sheath	Net weight (kg/m)	Min. bending radius after installation	Outer diameter approx.	Tensile load
17316	24 x 3 x 1,5 mm ²	Class 2 = stranded	Grey	2,497		38,7	1620
16343	27 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	2,102		36	1215
16344	30 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	2,316		37,8	1350
16345	37 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	2,361		42	1665
17263	2 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	0,311		16	150
17320	3 x 3 x 2,5 mm ²	Class 2 = stranded	Grey	0,386		17,2	338
17276	4 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	0,484		18,6	300
17321	4 x 3 x 2,5 mm ²	Class 2 = stranded	Grey	0,614		20,4	450
17265	6 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	0,686		22,3	450
17266	7 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	0,725		22,3	525
17322	7 x 3 x 2,5 mm ²	Class 2 = stranded	Grey	0,961		25,4	788
17267	8 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	0,820		23,9	600
17268	10 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	1,004		27,2	750
17323	10 x 3 x 2,5 mm ²	Class 2 = stranded	Grey	1,335		30,8	1125
17269	12 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	1,163		28,7	900



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17270	14 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	1,318		30,5	1050
17324	14 x 3 x 2,5 mm ²	Class 2 = stranded	Grey	1,760		34,4	1575
17271	19 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	1,712		34,9	1425
17325	19 x 3 x 2,5 mm ²	Class 2 = stranded	Grey	2,447		39,6	2138
17272	24 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	2,273		39,2	1800
17326	24 x 3 x 2,5 mm ²	Class 2 = stranded	Grey	3,032		44,2	2700
17273	27 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	2,505		41,2	2025
17274	30 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	2,741		43,2	2250
17275	37 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	3,737		47,6	2775