



MarineCom YOZc 250 V

21-10-2019

Properties

Application:

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

Characteristics:

- Twisted pairs, triples or quads
- 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>MarineCom YOZc 250 V</i>
Certified for shipboard application	<i>Yes</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>
Overall stranding screen	<i>Braiding</i>
Material outer sheath	<i>Flame Retardant Halogen Free Polyolefin Compound</i>
Colour outer sheath	<i>Product dependent</i>
Flame retardant	<i>IEC 60332-1 / IEC 60332-3-22 Cat. A</i>
Halogen free	<i>IEC 60754-1/2</i>



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Specifications

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

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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
16900	1 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,066		6,6	15
16899	2 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,086		7,5	30
16902	2 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,098		9,4	30
16916	2 x 3 x 0,5 mm ²	Class 2 = stranded	Grey	0,118		10,3	45
16903	4 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,144		10,9	60
16917	4 x 3 x 0,5 mm ²	Class 2 = stranded	Grey	0,177		11,8	90
16904	6 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,207		12,7	90
16905	7 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,200		12,7	105
16918	7 x 3 x 0,5 mm ²	Class 2 = stranded	Grey	0,301		15,2	158
16906	8 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,258		14,3	120
16907	10 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,306		15,7	150



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16919	10 x 3 x 0,5 mm ²	Class 2 = stranded	Grey	0,412		18	225
16908	12 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,348		16,6	180
16909	14 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,388		17,6	210
16920	14 x 3 x 0,5 mm ²	Class 2 = stranded	Grey	0,517		19,9	315
16910	19 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,493		20,1	285
16921	19 x 3 x 0,5 mm ²	Class 2 = stranded	Grey	0,644		22,9	428
16911	24 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,597		22,7	360
16922	24 x 3 x 0,5 mm ²	Class 2 = stranded	Grey	0,797		25,6	540
16912	27 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,653		23,8	405
16913	30 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,705		24,8	450
16914	37 x 2 x 0,5 mm ²	Class 2 = stranded	Grey	0,843		27,2	555
16271	1 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,072		6,9	23
16272	1 x 3 x 0,75 mm ²	Class 2 = stranded	Grey	0,082		7,3	34
16270	2 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,112		9,9	45
16273	2 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,094		7,8	45



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16923	2 x 3 x 0,75 mm ²	Class 2 = stranded	Grey	0,145		10,9	101
16274	4 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,169		12,5	90
16924	4 x 3 x 0,75 mm ²	Class 2 = stranded	Grey	0,213		12,7	135
16275	6 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,282		14,8	135
16276	7 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,281		14,6	158
16925	7 x 3 x 0,75 mm ²	Class 2 = stranded	Grey	0,363		16	236
16288	8 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,309		15,2	180
16277	10 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,377		17,3	225
16286	10 x 2 x 0,75 mm ²	Class 2 = stranded	Blue	0,376		17,7	225
16926	10 x 3 x 0,75 mm ²	Class 2 = stranded	Grey	0,499		19,5	338
16289	12 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,429		18,5	270
16955	12 x 3 x 0,75 mm ²	Class 2 = stranded	Grey	0,558		20,5	473
16278	14 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,481		20,2	315
16927	14 x 3 x 0,75 mm ²	Class 2 = stranded	Grey	0,630		21,8	473
16279	19 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,592		22,5	428



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16928	19 x 3 x 0,75 mm ²	Class 2 = stranded	Grey	0,811		24,9	641
16285	20 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,638		23	450
16280	24 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,742		25	540
16929	24 x 3 x 0,75 mm ²	Class 2 = stranded	Grey	1,002		27,8	810
16283	27 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,812		26,2	608
16281	30 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	0,883		27,5	675
16282	37 x 2 x 0,75 mm ²	Class 2 = stranded	Grey	1,053		30,2	833
16930	1 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,080		7,3	30
16945	1 x 3 x 1 mm ²	Class 2 = stranded	Grey	0,093		7,7	45
16932	2 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,133		10,7	60
16933	4 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,196		12,4	120
16947	4 x 3 x 1 mm ²	Class 2 = stranded	Grey	0,289		14,4	180
16934	6 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,329		15,1	180
16953	6 x 3 x 1 mm ²	Class 2 = stranded	Grey	0,427		17,5	270
16935	7 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,328		15,5	210



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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
16948	7 x 3 x 1 mm ²	Class 2 = stranded	Grey	0,431		17,1	315
16936	8 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,363		16	240
16937	10 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,449		18,2	300
16949	10 x 3 x 1 mm ²	Class 2 = stranded	Grey	0,594		21,3	450
16938	12 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,509		19	360
16939	14 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,569		20,4	420
16950	14 x 3 x 1 mm ²	Class 2 = stranded	Grey	0,770		23,5	630
16940	19 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,732		23,7	570
16951	19 x 3 x 1 mm ²	Class 2 = stranded	Grey	0,996		26,9	855
16941	24 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,890		26,3	720
16952	24 x 3 x 1 mm ²	Class 2 = stranded	Grey	1,218		29,8	1080
16942	27 x 2 x 1 mm ²	Class 2 = stranded	Grey	0,978		27,6	810
16943	30 x 2 x 1 mm ²	Class 2 = stranded	Grey	1,078		29	900
16944	37 x 2 x 1 mm ²	Class 2 = stranded	Grey	1,277		31,7	1110
16946	3 x 3 x 1,0 mm ²	Class 2 = stranded	Grey	0,165		11,6	135



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16301	1 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	0,096		8,3	45
17392	1 x 2 x 1,5 mm ²	Class 2 = stranded	Blue	0,096		8,4	45
16316	1 x 3 x 1,5 mm ²	Class 2 = stranded	Grey	0,118		8,9	68
16302	1 x 4 x 1,5 mm ²	Class 2 = stranded	Grey	0,147		9,9	90
16303	2 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	0,176		12,6	90
16317	2 x 3 x 1,5 mm ²	Class 2 = stranded	Grey	0,255		13,9	135
16304	4 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	0,303		14,9	180
16318	4 x 3 x 1,5 mm ²	Class 2 = stranded	Grey	0,395		16,9	270
16305	6 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	0,459		18,3	270
16306	7 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	0,459		18,5	315
16327	7 x 2 x 1,5 mm ²	Class 2 = stranded	Blue	0,458		18,5	315
16319	7 x 3 x 1,5 mm ²	Class 2 = stranded	Grey	0,609		20,5	473
16307	8 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	0,508		19,2	360
16308	10 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	0,600		21	450
16320	10 x 3 x 1,5 mm ²	Class 2 = stranded	Grey	0,843		25,5	675



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16309	12 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	0,701		23,2	540
16310	14 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	0,790		24,7	630
16321	14 x 3 x 1,5 mm ²	Class 2 = stranded	Grey	1,084		28	945
16311	19 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	1,023		28,5	855
16322	19 x 3 x 1,5 mm ²	Class 2 = stranded	Grey	1,414		32,1	1283
16326	20 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	1,078		29,0	855
16312	24 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	1,263		31,6	1080
16323	24 x 3 x 1,5 mm ²	Class 2 = stranded	Grey	2,183		35,8	1620
16313	27 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	1,390		33,2	1215
16314	30 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	1,534		34,9	1350
16315	37 x 2 x 1,5 mm ²	Class 2 = stranded	Grey	2,309		38,3	1665
16960	1 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	0,125		9,4	75
16975	1 x 3 x 2,5 mm ²	Class 2 = stranded	Grey	0,156		10	113
16961	1 x 4 x 2,5 mm ²	Class 2 = stranded	Grey	0,201		11,2	150
16962	2 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	0,235		14,3	60



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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
16976	3 x 3 x 2,5 mm ²	Class 2 = stranded	Grey	0,332		16	338
16963	4 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	0,399		17,1	300
16977	4 x 3 x 2,5 mm ²	Class 2 = stranded	Grey	0,537		18,5	450
16964	6 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	0,615		20,3	450
16965	7 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	0,617		20,3	525
16978	7 x 3 x 2,5 mm ²	Class 2 = stranded	Grey	0,840		23,6	788
16966	8 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	0,698		22,2	600
16967	10 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	0,857		25,3	750
16979	10 x 3 x 2,5 mm ²	Class 2 = stranded	Grey	1,181		28,8	1125
16968	12 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	0,980		26,4	900
16969	14 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	1,108		28,1	1050
16980	14 x 3 x 2,5 mm ²	Class 2 = stranded	Grey	1,553		32,1	1575
16970	19 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	1,458		32,4	1425
16981	19 x 3 x 2,5 mm ²	Class 2 = stranded	Grey	2,478		36,8	2138
16971	24 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	2,243		36,2	1800



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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
16982	24 x 3 x 2,5 mm ²	Class 2 = stranded	Grey	2,663		41,1	2700
16972	27 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	2,457		38	2025
16973	30 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	2,316		40	2250
16974	37 x 2 x 2,5 mm ²	Class 2 = stranded	Grey	2,785		43,8	2775