



Control, instrumentation, tele-and data communication cables.

The tinned copper braided screen reduces Electro Magnetic Interferences (EMI) and grants extra mechanical protection. The XLPE 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 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	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)
16900	1 x 2 x 0,5 mm ²	Class 2 = stranded	63	41	6,8	15
16915	1 x 3 x 0,5 mm ²	Class 2 = stranded	70	43	7,1	23
16901	1 x 4 x 0,5 mm ²	Class 2 = stranded	86	47	7,8	30
16902	2 x 2 x 0,5 mm ²	Class 2 = stranded	106	58	9,6	30
16916	2 x 3 x 0,5 mm ²	Class 2 = stranded	126	62	10,3	45
16903	4 x 2 x 0,5 mm ²	Class 2 = stranded	150	67	11,1	60
16917	4 x 3 x 0,5 mm ²	Class 2 = stranded	183	73	12,1	90
16904	6 x 2 x 0,5 mm ²	Class 2 = stranded	203	78	13	90
16905	7 x 2 x 0,5 mm ²	Class 2 = stranded	204	78	13	105
16918	7 x 3 x 0,5 mm ²	Class 2 = stranded	274	89	14,9	158
16906	8 x 2 x 0,5 mm ²	Class 2 = stranded	233	84	14	120
16907	10 x 2 x 0,5 mm ²	Class 2 = stranded	278	94	15,7	150
16919	10 x 3 x 0,5 mm ²	Class 2 = stranded	367	108	18	225
16908	12 x 2 x 0,5 mm ²	Class 2 = stranded	315	100	16,6	180
16909	14 x 2 x 0,5 mm ²	Class 2 = stranded	351	106	17,6	210
16920	14 x 3 x 0,5 mm ²	Class 2 = stranded	472	119	19,9	315



Partnumber	Construction	Conductor category	Net weight (kg/km)	Bending radius after installation (mm)	Outer diameter approx. (mm)	Tensile load (N)
16910	19 x 2 x 0,5 mm ²	Class 2 = stranded	449	121	20,1	285
16921	19 x 3 x 0,5 mm ²	Class 2 = stranded	653	137	22,9	428
16911	24 x 2 x 0,5 mm ²	Class 2 = stranded	606	136	22,7	360
16922	24 x 3 x 0,5 mm ²	Class 2 = stranded	801	154	25,6	540
16912	27 x 2 x 0,5 mm ²	Class 2 = stranded	652	143	23,8	405
16913	30 x 2 x 0,5 mm ²	Class 2 = stranded	711	149	24,8	450
16914	37 x 2 x 0,5 mm ²	Class 2 = stranded	829	163	27,2	555
16271	1 x 2 x 0,75 mm ²	Class 2 = stranded	71	43	7,1	23
16272	1 x 3 x 0,75 mm ²	Class 2 = stranded	85	45	7,5	34
16273	1 x 4 x 0,75 mm ²	Class 2 = stranded	104	48	8	45
16270	2 x 2 x 0,75 mm ²	Class 2 = stranded	128	41	10,3	45
16923	2 x 3 x 0,75 mm ²	Class 2 = stranded	156	67	11,1	68
16274	4 x 2 x 0,75 mm ²	Class 2 = stranded	188	48	12	90
16924	4 x 3 x 0,75 mm ²	Class 2 = stranded	229	77	12,9	135
16275	6 x 2 x 0,75 mm ²	Class 2 = stranded	273	57	14,3	135
16276	7 x 2 x 0,75 mm ²	Class 2 = stranded	276	57	14,3	158
16925	7 x 3 x 0,75 mm ²	Class 2 = stranded	351	96	16	236
16288	8 x 2 x 0,75 mm ²	Class 2 = stranded	301	61	15,2	180
16277	10 x 2 x 0,75 mm ²	Class 2 = stranded	372	69	17,2	225
16926	10 x 3 x 0,75 mm ²	Class 2 = stranded	483	117	19,5	338
16289	12 x 2 x 0,75 mm ²	Class 2 = stranded	414	72	18,1	270
16278	14 x 2 x 0,75 mm ²	Class 2 = stranded	480	77	19,3	315
16927	14 x 3 x 0,75 mm ²	Class 2 = stranded	670	131	21,8	473
16279	19 x 2 x 0,75 mm ²	Class 2 = stranded	675	89	22,2	428
16928	19 x 3 x 0,75 mm ²	Class 2 = stranded	869	149	24,9	641
16280	24 x 2 x 0,75 mm ²	Class 2 = stranded	819	98	24,6	540
16929	24 x 3 x 0,75 mm ²	Class 2 = stranded	1070	167	27,8	810
16283	27 x 2 x 0,75 mm ²	Class 2 = stranded	879	103	25,8	608
16281	30 x 2 x 0,75 mm ²	Class 2 = stranded	970	108	27	675
16282	37 x 2 x 0,75 mm ²	Class 2 = stranded	1158	120	30,1	833
16930	1 x 2 x 1 mm ²	Class 2 = stranded	80	45	7,5	30
16945	1 x 3 x 1 mm ²	Class 2 = stranded	96	47	7,8	45
16931	1 x 4 x 1 mm ²	Class 2 = stranded	114	52	8,6	60
16932	2 x 2 x 1 mm ²	Class 2 = stranded	141	65	10,9	60
16946	2 x 3 x 1 mm ²	Class 2 = stranded	177	71	11,8	90
16933	4 x 2 x 1 mm ²	Class 2 = stranded	208	76	12,6	120
16947	4 x 3 x 1 mm ²	Class 2 = stranded	272	84	14	180
16934	6 x 2 x 1 mm ²	Class 2 = stranded	300	91	15,1	180
16935	7 x 2 x 1 mm ²	Class 2 = stranded	306	91	15,1	210
16948	7 x 3 x 1 mm ²	Class 2 = stranded	373	103	17,1	315
16936	8 x 2 x 1 mm ²	Class 2 = stranded	340	96	16	240
16937	10 x 2 x 1 mm ²	Class 2 = stranded	418	109	18,2	300
16949	10 x 3 x 1 mm ²	Class 2 = stranded	621	128	21,3	450
16938	12 x 2 x 1 mm ²	Class 2 = stranded	469	114	19	360
16939	14 x 2 x 1 mm ²	Class 2 = stranded	538	122	20,4	420
16950	14 x 3 x 1 mm ²	Class 2 = stranded	797	141	23,5	630
16940	19 x 2 x 1 mm ²	Class 2 = stranded	754	142	23,7	570

Partnumber	Construction	Conductor category	Net weight (kg/km)	Bending radius after installation (mm)	Outer diameter approx. (mm)	Tensile load (N)
16951	19 x 3 x 1 mm ²	Class 2 = stranded	1023	161	26,9	855
16941	24 x 2 x 1 mm ²	Class 2 = stranded	914	158	26,3	720
16952	24 x 3 x 1 mm ²	Class 2 = stranded	1262	179	29,8	1080
16942	27 x 2 x 1 mm ²	Class 2 = stranded	1008	166	27,6	810
16943	30 x 2 x 1 mm ²	Class 2 = stranded	1102	174	29	900
16944	37 x 2 x 1 mm ²	Class 2 = stranded	1304	190	31,7	1110
16301	1 x 2 x 1,5 mm ²	Class 2 = stranded	100	51	8,5	45
16316	1 x 3 x 1,5 mm ²	Class 2 = stranded	127	55	9,1	68
16302	1 x 4 x 1,5 mm ²	Class 2 = stranded	153	61	10,1	90
16303	2 x 2 x 1,5 mm ²	Class 2 = stranded	187	77	12,8	90
16317	2 x 3 x 1,5 mm ²	Class 2 = stranded	238	83	13,9	135
16304	4 x 2 x 1,5 mm ²	Class 2 = stranded	284	89	14,9	180
16318	4 x 3 x 1,5 mm ²	Class 2 = stranded	367	98	16,3	270
16305	6 x 2 x 1,5 mm ²	Class 2 = stranded	413	107	17,9	270
16306	7 x 2 x 1,5 mm ²	Class 2 = stranded	427	109	18,1	315
16319	7 x 3 x 1,5 mm ²	Class 2 = stranded	583	123	20,5	473
16307	8 x 2 x 1,5 mm ²	Class 2 = stranded	480	115	19,2	360
16308	10 x 2 x 1,5 mm ²	Class 2 = stranded	577	124	20,6	450
16320	10 x 3 x 1,5 mm ²	Class 2 = stranded	872	153	25,5	675
16309	12 x 2 x 1,5 mm ²	Class 2 = stranded	731	139	23,2	540
16310	14 x 2 x 1,5 mm ²	Class 2 = stranded	824	148	24,7	630
16321	14 x 3 x 1,5 mm ²	Class 2 = stranded	1121	168	28	945
16311	19 x 2 x 1,5 mm ²	Class 2 = stranded	1090	171	28,5	855
16322	19 x 3 x 1,5 mm ²	Class 2 = stranded	1459	193	32,1	1283
16312	24 x 2 x 1,5 mm ²	Class 2 = stranded	1300	190	31,6	1080
16323	24 x 3 x 1,5 mm ²	Class 2 = stranded	1791	215	35,8	1620
16313	27 x 2 x 1,5 mm ²	Class 2 = stranded	1434	199	33,2	1215
16314	30 x 2 x 1,5 mm ²	Class 2 = stranded	1571	209	34,9	1350
16315	37 x 2 x 1,5 mm ²	Class 2 = stranded	1885	230	38,3	1665
16960	1 x 2 x 2,5 mm ²	Class 2 = stranded	133	58	9,6	75
16975	1 x 3 x 2,5 mm ²	Class 2 = stranded	165	61	10,1	113
16961	1 x 4 x 2,5 mm ²	Class 2 = stranded	211	68	11,3	150
16962	2 x 2 x 2,5 mm ²	Class 2 = stranded	250	87	14,5	150
16976	2 x 3 x 2,5 mm ²	Class 2 = stranded	315	94	15,6	225
16963	4 x 2 x 2,5 mm ²	Class 2 = stranded	374	100	16,7	300
16977	4 x 3 x 2,5 mm ²	Class 2 = stranded	510	111	18,5	450
16964	6 x 2 x 2,5 mm ²	Class 2 = stranded	559	122	20,3	450
16965	7 x 2 x 2,5 mm ²	Class 2 = stranded	504	122	20,3	525
16978	7 x 3 x 2,5 mm ²	Class 2 = stranded	868	142	23,6	788
16966	8 x 2 x 2,5 mm ²	Class 2 = stranded	718	133	22,2	600
16967	10 x 2 x 2,5 mm ²	Class 2 = stranded	882	152	25,3	750
16979	10 x 3 x 2,5 mm ²	Class 2 = stranded	1225	174	29	1125
16968	12 x 2 x 2,5 mm ²	Class 2 = stranded	1003	158	26,4	900
16969	14 x 2 x 2,5 mm ²	Class 2 = stranded	1138	169	28,1	1050
16980	14 x 3 x 2,5 mm ²	Class 2 = stranded	1591	193	32,1	1575
16970	19 x 2 x 2,5 mm ²	Class 2 = stranded	1497	194	32,4	1425
16981	19 x 3 x 2,5 mm ²	Class 2 = stranded	2083	221	36,8	2138



Partnumber	Construction	Conductor category	Net weight (kg/km)	Bending radius after installation (mm)	Outer diameter approx. (mm)	Tensile load (N)
16971	24 x 2 x 2,5 mm ²	Class 2 = stranded	1840	217	36,2	1800
16982	24 x 3 x 2,5 mm ²	Class 2 = stranded	2586	247	41,1	2700
16972	27 x 2 x 2,5 mm ²	Class 2 = stranded	2035	228	38	2025
16973	30 x 2 x 2,5 mm ²	Class 2 = stranded	2240	240	40	2250
16974	37 x 2 x 2,5 mm ²	Class 2 = stranded	2683	263	43,8	2775