



MarineCom YZafc 250 V

06-06-2024

Properties

Application:

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

Characteristics:

- Twisted pairs, triples or quads, overall screening with a stranded tinned copper drain wire
- Perfect electrical properties and low capacitance for minimal signal loss
- Halogen-free and low smoke, flame retardant
- Extreme lightweight and small diameter for applications that don't need mechanical protection
- Different color outer sheaths, other than grey, available on request



Core identification:

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

Specifications

Certified for shipboard application	Yes
Suitable as signalling cable	Yes
Standardization	IEC 60092-350/-360/-376
Conductor material	Copper
Conductor surface	Bare
Conductor category	Class 2 = stranded
Standardization conductor material	IEC 60228
Material core insulation	Crosslinked polyethylene (XLPE)
Binder/filler	Polyester tape
Screen over stranding	Alpet tape
Material outer sheath	Flame Retardant Halogen Free Polyolefin Compound



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Standardization sheath material	IEC 60092-360
Flame retardant	IEC 60332-1 / IEC 60332-3-22 Cat. A
Halogen free	IEC 60754-1/2
Low smoke	IEC 61034-2
UV resistant	Yes
UV protection	NEN EN 50289-4-17A
Max. conductor temperature	90 °C
Permitted cable outer temperature during assembling/handling	-20 / 50 °C
Permitted cable outer temperature after assembling without vibration	-40 / 70 °C
Transportation and storage temperature	-40 / 50 °C
Nominal voltage U	250 V
Test voltage	1,500 V

75 products

Part number	Construction	Net weight (kg/m)	Outer diameter approx. (mm)	Min. bending radius after installation (mm)
16690	1 x 2 x 0,5 mm ² Grey	0.044	6.1	49
16692	2 x 2 x 0,5 mm ² Grey	0.076	8.9	71
16693	4 x 2 x 0,5 mm ² Grey	0.109	10.2	82
16694	6 x 2 x 0,5 mm ² Grey	0.171	12.3	98
16695	7 x 2 x 0,5 mm ² Grey	0.164	12.3	98
16696	8 x 2 x 0,5 mm ² Grey	0.182	13.1	105
16697	10 x 2 x 0,5 mm ² Grey	0.226	15	120
16698	12 x 2 x 0,5 mm ² Grey	0.256	15.7	126
16699	14 x 2 x 0,5 mm ² Grey	0.297	16.9	135
16700	19 x 2 x 0,5 mm ² Grey	0.379	19.2	154
16701	24 x 2 x 0,5 mm ² Grey	0.468	21.4	171



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75 products

Part number	Construction	Net weight (kg/m)	Outer diameter approx. (mm)	Min. bending radius after installation (mm)
16702	27 x 2 x 0,5 mm ² Grey	0.525	22.7	182
16703	30 x 2 x 0,5 mm ² Grey	0.574	23.7	190
16704	37 x 2 x 0,5 mm ² Grey	0.695	26.1	209
16691	1 x 4 x 0,5 mm ² Grey	0.064	7	57
16708	1 x 2 x 0,75 mm ² Grey	0.05	6.4	51
17307	1 x 2 x 0,75 mm ² Black	0.05	6.4	51
16710	2 x 2 x 0,75 mm ² Grey	0.086	9.6	77
16711	4 x 2 x 0,75 mm ² Grey	0.136	11.3	90
16712	6 x 2 x 0,75 mm ² Grey	0.209	13.4	107
16713	7 x 2 x 0,75 mm ² Grey	0.202	13.4	107
16714	8 x 2 x 0,75 mm ² Grey	0.231	14.5	116
16715	10 x 2 x 0,75 mm ² Grey	0.286	16.3	130
16716	12 x 2 x 0,75 mm ² Grey	0.326	17.4	139
16717	14 x 2 x 0,75 mm ² Grey	0.369	18.4	147
16718	19 x 2 x 0,75 mm ² Grey	0.479	21.1	169
16719	24 x 2 x 0,75 mm ² Grey	0.598	23.6	189
16722	27 x 2 x 0,75 mm ² Grey	0.659	25	200
16720	30 x 2 x 0,75 mm ² Grey	0.737	26.1	209
16721	37 x 2 x 0,75 mm ² Grey	0.889	28.8	230
16707	1 x 3 x 0,75 mm ² Grey	0.06	6.8	54
16723	8 x 3 x 0,75 mm ² Grey	0.323	16.6	96
16709	2 x 2 x 0,75 mm ² (Quad) Grey	0.071	7.3	58
16730	1 x 2 x 1,0 mm ² Grey	0.058	6.8	54
16732	2 x 2 x 1,0 mm ² Grey	0.102	10.2	82
16733	4 x 2 x 1,0 mm ² Grey	0.161	11.9	95



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75 products

Part number	Construction	Net weight (kg/m)	Outer diameter approx. (mm)	Min. bending radius after installation (mm)
16736	8 x 2 x 1,0 mm ² Grey	0.279	15.3	122
16737	10 x 2 x 1,0 mm ² Grey	0.346	17.5	140
16738	12 x 2 x 1,0 mm ² Grey	0.397	18.3	146
16739	14 x 2 x 1,0 mm ² Grey	0.451	19.5	156
16740	19 x 2 x 1,0 mm ² Grey	0.594	22.4	179
16741	24 x 2 x 1,0 mm ² Grey	0.749	25.2	202
16742	27 x 2 x 1,0 mm ² Grey	0.828	26.5	212
16743	30 x 2 x 1,0 mm ² Grey	0.907	27.7	222
16744	37 x 2 x 1,0 mm ² Grey	1.103	30.6	245
16745	1 x 3 x 1,0 mm ² Grey	0.07	7.2	58
16731	1 x 4 x 1,0 mm ² Grey	0.089	8	63
16830	1 x 2 x 1,5 mm ² Grey	0.075	7.8	62
16832	2 x 2 x 1,5 mm ² Grey	0.14	12.1	97
16833	4 x 2 x 1,5 mm ² Grey	0.22	14	112
16834	6 x 2 x 1,5 mm ² Grey	0.349	17	136
16836	8 x 2 x 1,5 mm ² Grey	0.396	18.3	146
16837	10 x 2 x 1,5 mm ² Grey	0.492	21	168
16838	12 x 2 x 1,5 mm ² Grey	0.567	21.9	175
16839	14 x 2 x 1,5 mm ² Grey	0.657	23.6	189
16840	19 x 2 x 1,5 mm ² Grey	0.867	27.2	218
16841	24 x 2 x 1,5 mm ² Grey	1.091	30.5	244
16842	27 x 2 x 1,5 mm ² Grey	1.207	32.1	257
16843	30 x 2 x 1,5 mm ² Grey	1.324	33.6	269
16844	37 x 2 x 1,5 mm ² Grey	1.611	37	296
16831	1 x 4 x 1,5 mm ² Grey	0.124	9.4	75



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75 products

Part number	Construction	Net weight (kg/m)	Outer diameter approx. (mm)	Min. bending radius after installation (mm)
16850	1 x 2 x 2,5 mm ² Grey	0.1	8.8	71
16852	2 x 2 x 2,5 mm ² Grey	0.189	13.6	109
16854	6 x 2 x 2,5 mm ² Grey	0.503	19.4	155
16855	7 x 2 x 2,5 mm ² Grey	0.505	19.4	155
16856	8 x 2 x 2,5 mm ² Grey	0.577	20.9	167
16857	10 x 2 x 2,5 mm ² Grey	0.716	24	192
16858	12 x 2 x 2,5 mm ² Grey	0.842	25.3	202
16859	14 x 2 x 2,5 mm ² Grey	0.963	27	216
16860	19 x 2 x 2,5 mm ² Grey	1.275	31.1	249
16861	24 x 2 x 2,5 mm ² Grey	1.604	34.9	279
16862	27 x 2 x 2,5 mm ² Grey	1.782	36.7	294
16863	30 x 2 x 2,5 mm ² Grey	1.978	38.7	310
16864	37 x 2 x 2,5 mm ² Grey	2.411	42.7	342
16851	1 x 4 x 2,5 mm ² Grey	0.168	10.4	83