



CABLE STRUCTURE

Conductor	Electrolytic, stranded, annealed copper wire. IEC 60228 Class 2 (Class 5 and / or tinned on request)
Insulation	Cross linked polyethylene compound (XLPE). Each pair formed by white cores with black numbers.
Separator	Separating foil over each pair.
Individual Screen	Electrolytic, tinned, stranded, copper drain wire and aluminum tape screen over each pair.
Separator	Separating tape over each screen pair.
Overall Screen	Electrolytic, tinned, stranded, copper drain wire and aluminum tape screen.
Separator (Optional)	Overall separating foil above overall screen
Outer sheath	Halogen-free, flame retardant, UV resistant, polyolefin based compound (SHF1).
Color	Black or Grey.

STANDARDS & MAIN CHARACTERISTICS

Construction	IEC 60092 / 376
Tests and Material	IEC 60092 / 350-360
Flame Retardant	IEC 60332 / 1, IEC 60332 / 3-22 Cat A
Halogen Content	IEC 60754 / 1-2
Smoke Emission	IEC 61034 / 1-2 (DIN EN 50268 / 1-2)
Ozone Resistance	IEC 60811 / 403
Working Temperature	-40°C / + 90°C
Min. Bending Radius (fixed)	6xD
Rated Voltage	150 / 250 V
Test Voltage	1,5 kV
UV and Sunlight Resistance	EN 50289-4-17 A&B, ISO 4892-2&3

Minimum recommended installation temperature -15°C

For core identification, diameter tolerances and current ratings etc. see technical information section

Application

Used as signal and communication cables in radio, radar and information systems of marine vehicles. It's twisted pairs enables proper transmission of high frequency signals, while it's overall screen minimizes environmental electromagnetic interference.



Halogen Free



Low Smoke Density



Flame Retardant



Rated Voltage



Test Voltage



Working Temperature



Bending Radius



No Corrosivity

Cross Section (mm ²)	Overall Diameter (mm)	Approximate Weight (kg / km)	Min. Bending Radius Fixed Installed (mm)	Max Resistance of Conductors at 20°C (ohm / km)	Current Carrying Capacity at 45°C (A)
2x2x0,5	9,2	88	56	40,4	9
4x2x0,5	10,6	132	64	40,4	6
6x2x0,5	12,1	179	73	40,4	6
7x2x0,5	12,8	206	77	40,4	5
12x2x0,5	17,1	340	103	40,4	5
15x2x0,5	17,9	390	107	40,4	4
16x2x0,5	18,9	430	114	40,4	4
18x2x0,5	20,2	485	122	40,4	4
24x2x0,5	23,8	635	143	40,4	4
2x2x0,75	10,6	110	64	26,0	11
4x2x0,75	12,6	176	76	26,0	8
6x2x0,75	15,1	248	91	26,0	7
7x2x0,75	15,2	275	92	26,0	7
10x2x0,75	19,5	393	117	26,0	6
12x2x0,75	20,4	455	123	26,0	6
15x2x0,75	22,6	552	136	26,0	5
16x2x0,75	22,8	585	137	26,0	5
18x2x0,75	24,0	646	144	26,0	5
20x2x0,75	25,3	710	152	26,0	5
24x2x0,75	28,6	862	172	26,0	5
2x2x1	11,4	130	69	19,2	13
4x2x1	13,2	200	80	19,2	9
7x2x1	16,0	315	96	19,2	8
12x2x1	21,5	520	129	19,2	7
16x2x1	24,1	670	145	19,2	6
18x2x1	25,6	754	154	19,2	6
24x2x1	30,4	1005	183	19,2	6
2x2x1,5	13,4	164	81	12,8	17
4x2x1,5	15,9	272	96	12,8	12
6x2x1,5	19,4	395	116	12,8	11
7x2x1,5	19,4	440	117	12,8	10
8x2x1,5	22,0	508	132	12,8	10
10x2x1,5	25,1	629	151	12,8	9
12x2x1,5	26,1	730	157	12,8	9

Cross Section (mm ²)	Overall Diameter (mm)	Approximate Weight (kg / km)	Min. Bending Radius Fixed Installed (mm)	Max Resistance of Conductors at 20°C (ohm / km)	Current Carrying Capacity at 45°C (A)
14x2x1,5	27,5	831	165	12,8	8
15x2x1,5	29,0	887	174	12,8	8
16x2x1,5	29,3	942	176	12,8	8
18x2x1,5	31,1	1060	187	12,8	7
20x2x1,5	32,8	1161	197	12,8	7
24x2x1,5	36,9	1405	222	12,8	7
2x2x2,5	15,3	223	92	7,86	22
7x2x2,5	22,0	610	132	7,86	13

