



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 tape over pairs.
Individual Screen	Electrolytic, tinned, stranded, copper drain wire and aluminum tape screen over each pair
Inner Covering	Separating foil.
Overall Screen	Electrolytic copper braided screen (Min. 90%coverage) (Tinned copper wire braid on request)
Outer sheath	Halogen-free, flame retardant, polyolefin based compound (SHF 1).
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)
Ozon 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

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	9,9	124	60	40,4	9
4x2x0,5	11,5	182	69	40,4	6
7x2x0,5	14,0	296	84	40,4	5
12x2x0,5	18,0	540	108	40,4	5
16x2x0,5	20,0	570	120	40,4	4
18x2x0,5	21,0	618	126	40,4	4
24x2x0,5	22,6	765	136	40,4	4
2x2x0,75	11,5	158	69	26,0	11
4x2x0,75	13,2	235	80	26,0	8
7x2x0,75	16,2	375	98	26,0	7
12x2x0,75	21,3	594	128	26,0	6
16x2x0,75	24,3	750	146	26,0	5
18x2x0,75	25,7	835	155	26,0	5
24x2x0,75	30,3	1090	182	26,0	5
2x2x1	12,1	175	73	19,2	13
4x2x1	14,5	295	87	19,2	9
7x2x1	17,2	428	104	19,2	8
12x2x1	22,6	680	136	19,2	7
16x2x1	25,8	860	155	19,2	6
18x2x1	27,1	942	163	19,2	6
24x2x1	31,9	1230	192	19,2	6
2x2x1,5	14,7	260	89	12,8	17
4x2x1,5	17,2	390	104	12,8	12
7x2x1,5	20,5	575	123	12,8	10
12x2x1,5	27,8	934	167	12,8	9
16x2x1,5	31,0	1175	186	12,8	8
18x2x1,5	32,8	1305	197	12,8	7
24x2x1,5	39,0	1790	234	12,8	7