



### CABLE STRUCTURE

<b>Conductor</b>	Electrolytic, stranded, annealed copper wire. IEC 60228 Class 2 (Class 5 and / or tinned on request)
<b>Insulation</b>	Cross linked polyethylene compound (XLPE). Each pair formed by white cores with black numbers.
<b>Separator</b>	Separating tape over pairs.
<b>Individual Screen</b>	Electrolytic, tinned, stranded, copper drain wire and aluminum tape screen over each pair
<b>Inner Covering</b>	Separating foil.
<b>Overall Screen</b>	Electrolytic copper braided screen (Min. 90%coverage) (Tinned copper wire braid on request)
<b>Outer sheath</b>	Halogen-free, flame retardant, polyolefin based compound (SHF 1).
<b>Color</b>	Black or Grey.

### STANDARDS & MAIN CHARACTERISTICS

<b>Construction</b>	IEC 60092 / 376
<b>Tests And Material</b>	IEC 60092 / 350-360
<b>Flame Retardant</b>	IEC 60332 / 1, IEC 60332 / 3-22 Cat A
<b>Halogen Content</b>	IEC 60754 / 1-2
<b>Smoke Emission</b>	IEC 61034 / 1-2 (DIN EN 50268 / 1-2)
<b>Ozon Resistance</b>	IEC 60811 / 403
<b>Working Temperature</b>	-40°C / + 90°C
<b>Min. Bending Radius (fixed)</b>	6xD
<b>Rated Voltage</b>	150 / 250 V
<b>Test Voltage</b>	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 <sup>2</sup> )	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