CABLE STRUCTURE

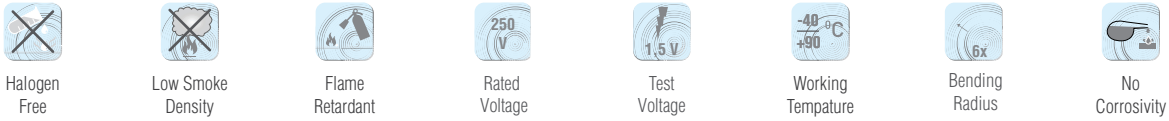
Conductor	Electrolytic, stranded, annealed copper wire IEC 60228 Class 2 (Class 5 and / or tinned on request)
Insulation	Cross linked polyethylene compound (XLPE). Each pair formed by white cores wiht black numbers.
Inner Covering Screen	Separating foil. Electrolytic copper braided screen (Min. 90% coverage). (Tinned copper wire braid on reguest)
Outer sheath	Halogen-free, flame retardant, UV resistant, 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)
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 control and signal cables in various electromechanical and electronic equipments of marine vehichles, in most areas & open deck in ships. Due to its' overall screen the electromagnetic interference is minimized.



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)
1x2x0,5	6,3	58	38	40,4	11
1x4x0,5	7,0	71	42	40,4	9
2x2x0,5	8,7	98	53	40,4	9
4x2x0,5	9,2	134	56	40,4	6
5x2x0,5	10,7	155	65	40,4	6
7x2x0,5	11,7	194	71	40,4	5
8x2x0,5	12,6	217	76	40,4	5
10x2x0,5	15,1	300	91	40,4	5
12x2x0,5	15,5	330	93	40,4	5
14x2x0,5	16,2	372	98	40,4	4
16x2x0,5	17,3	420	104	40,4	4
18x2x0,5	18,1	456	109	40,4	4
19x2x0,5	18,1	468	109	40,4	4
20x2x0,5	19,0	490	114	40,4	4
24x2x0,5	19,4	560	117	40,4	4
37x2x0,5	24,1	810	145	40,4	3
1x2x0,75	7,1	75	43	26,0	13
1x4x0,75	8,0	102	48	26,0	11
2x2x0,75	10,0	124	60	26,0	11
4x2x0,75	11,7	183	71	26,0	8
5x2x0,75	12,7	213	77	26,0	7
6x2x0,75	14,3	280	86	26,0	7
7x2x0,75	14,3	300	86	26,0	7
8x2x0,75	15,3	332	92	26,0	6
10x2x0,75	17,9	414	108	26,0	6
12x2x0,75	18,5	460	111	26,0	6
14x2x0,75	19,5	520	117	26,0	5
16x2x0,75	20,6	574	124	26,0	5
18x2x0,75	21,6	628	130	26,0	5
19x2x0,75	21,6	648	130	26,0	5
20x2x0,75	22,8	695	137	26,0	5
24x2x0,75	25,4	820	153	26,0	5
37x2x0,75	29,1	1138	175	26,0	4

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)
1x2x1	7,4	80	45	19,2	16
1x4x1	8,6	118	52	19,2	13
2x2x1	10,5	138	63	19,2	13
4x2x1	12,3	208	74	19,2	9
5x2x1	14,0	280	84	19,2	9
6x2x1	15,0	318	90	19,2	8
7x2x1	15,0	342	90	19,2	8
8x2x1	16,2	380	98	19,2	8
10x2x1	18,9	474	114	19,2	7
12x2x1	19,7	540	119	19,2	7
14x2x1	20,6	600	124	19,2	6
16x2x1	21,7	665	131	19,2	6
18x2x1	23,0	740	138	19,2	6
19x2x1	23,0	765	138	19,2	6
20x2x1	24,1	805	145	19,2	6
24x2x1	24,7	918	149	19,2	6
37x2x1	31,0	1348	186	19,2	5
1x2x1,5	8,7	108	53	12,8	20
1x4x1,5	9,8	155	59	12,8	17
2x2x1,5	12,4	187	75	12,8	17
4x2x1,5	14,9	320	90	12,8	12
5x2x1,5	16,2	372	98	12,8	11
6x2x1,5	17,7	435	107	12,8	10
7x2x1,5	17,7	470	107	12,8	10
8x2x1,5	19,3	538	116	12,8	9
10x2x1,5	22,6	670	136	12,8	9
12x2x1,5	23,3	750	140	12,8	9
14x2x1,5	24,4	840	147	12,8	8
16x2x1,5	26,0	950	156	12,8	8
18x2x1,5	27,5	1050	165	12,8	7
19x2x1,5	27,5	1090	165	12,8	7
20x2x1,5	28,9	1150	174	12,8	7
24x2x1,5	29,3	1300	176	12,8	7
37x2x1,5	37,5	2040	225	12,8	6