



CABLE STRUCTURE

Conductor	Electrolytic, stranded, annealed copper wire IEC 60228 Class 5 (Class 2 and / or tinned on request)
Insulation	Halogen free, flame retardant, cross linked polyolefin compound (HF90). Double insulation is available on request.
Color	Black, red, blue and other colours

STANDARDS & MAIN CHARACTERISTICS

Construction	IEC 60092 / 376
Tests And Material	IEC 60092 / 350-360
Flame Retardant	IEC 60332 / 1-2, 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	IEC60811 / 403
Temperature Range	-40°C / + 90°C
Min. Bending Radius (fixed)	4 x D
Rated Voltage	300 / 500 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 other details see technical information section

Application

Used as fixed installation cables in various electromechanical and electronic equipments. Since it has type approval, it can be used in marine switchboards.



Halogen Free



Low Smoke Density



Flame Retardant



Rated Voltage



Test Voltage



Working Temperature



Bending Radius



No Corrosivity

Cross Section (mm ²)	Nominal Overall Diameter (mm)	Approximate Weight (kg / km)	Bending Radius Fixed Min. (mm)	Max Resistance of Conductors at 20°C (ohm / km)	Current Carrying Capacity at 45°C (A)
1 x 0,50	2,1	8	10	40,40	11
1 x 0,75	2,3	11	10	26,00	13
1 x 1	2,5	14	10	19,50	16
1 x 1,5	2,9	18	12	13,30	21
1 x 2,5	3,2	28	13	7,98	29