



250 V Individually and Collectively Screened  
Telecommunication & Control Cables

### Construction

- 1 Conductor  
Electrolytic, stranded, annealed, bare or tinned copper, Class 2 or Class 5
- 2 Insulation  
XLPE
- 3 Individual Screen  
Aluminium Polyester tape with tinned copper drain wire
- 4 Collective Screen  
Aluminium Polyester tape with tinned copper drain wire
- 5 Inner Sheath  
Halogen-free thermoplastic filler or polyester tape
- 6 Screen  
Copper wire braiding and drain wire
- 7 Outer Sheath  
Grey or black colored, halogen-free, low smoke, flame-retardant, polyolefine based thermoplastic compound



### Technical Features

Rated Voltage	: 250 kV
Test Voltage	: 1,5 kV
Temperature Range	: -40°C / +90°C
Bending Radius	: 6 x Outer Diameter
Halogen free properties	: IEC 60754-1&2
Low smoke emission	: IEC 61034-1&2
Flame Retardancy	: IEC 60332-3 CAT.A
Application	: Used in ships and sea vehicles for telecommunication and signal applications. Halogen-free, flame retardant and low smoke density type cables.
Standards of Design & Tests	: IEC 60092-376 & IEC 60092-350

Nominal Cross-section	Net Weight (approx.)	Overall Diameter of Cable (approx.)	Conductor DC Resistance at 20° C
mm <sup>2</sup>	kg/km	mm	ohm/km
1x2x0,75	110	8.0	24.500
2x2x0,75	150	10.0	24.500
3x2x0,75	220	13.0	24.500
4x2x0,75	270	14.0	24.500
5x2x0,75	360	15.0	24.500
7x2x0,75	440	17.0	24.500
8x2x0,75	520	19.0	24.500
10x2x0,75	580	20.0	24.500
12x2x0,75	690	21.0	24.500
14x2x0,75	750	22.0	24.500
16x2x0,75	830	24.0	24.500
19x2x0,75	930	26.0	24.500
24x2x0,75	1,160	28.0	24.500
27x2x0,75	1,300	31.0	24.500
37x2x0,75	1,660	32.0	24.500
1x2x1,5	140	10.0	12.100
2x2x1,5	210	12.0	12.100
3x2x1,5	330	17.0	12.100
4x2x1,5	400	18.0	12.100
5x2x1,5	490	19.0	12.100
7x2x1,5	610	21.0	12.100
8x2x1,5	710	23.0	12.100
10x2x1,5	830	24.0	12.100
12x2x1,5	980	26.0	12.100
14x2x1,5	1,080	28.0	12.100
16x2x1,5	1,200	29.0	12.100
19x2x1,5	1,380	32.0	12.100
24x2x1,5	1,710	34.0	12.100
27x2x1,5	1,990	37.0	12.100
37x2x1,5	2,580	42.0	12.100
1x3x0,5	170	9.0	24.500
2x3x0,5	210	12.0	24.500
3x3x0,5	310	14.0	24.500
4x3x0,5	360	14.0	24.500
5x3x0,5	500	16.0	24.500
7x3x0,5	670	17.0	24.500
8x3x0,5	810	20.0	24.500
10x3x0,5	900	20.0	24.500
1x3x1,5	180	12.0	12.100
2x3x1,5	310	14.0	12.100
3x3x1,5	450	17.0	12.100
4x3x1,5	560	18.0	12.100
5x3x1,5	700	21.0	12.100
7x3x1,5	870	22.0	12.100
8x3x1,5	1,020	24.0	12.100
10x3x1,5	1,280	24.0	12.100