



## 250 V Screened Telecommunication & Control Cables

### Construction

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



TÜRK LOYDU

### 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



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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
1x2x0,5	70	7.0	36.000
2x2x0,5	100	8.0	36.000
3x2x0,5	140	11.0	36.000
4x2x0,5	170	12.0	36.000
5x2x0,5	200	13.0	36.000
7x2x0,5	280	15.0	36.000
8x2x0,5	330	17.0	36.000
10x2x0,5	380	18.0	36.000
12x2x0,5	430	19.0	36.000
14x2x0,5	480	20.0	36.000
16x2x0,5	530	21.0	36.000
19x2x0,5	590	22.0	36.000
24x2x0,5	720	25.0	36.000
27x2x0,5	800	27.0	36.000
37x2x0,5	1,020	30.0	36.000
1x2x0,75	80	8.0	24.500
2x2x0,75	110	9.0	24.500
3x2x0,75	170	12.0	24.500
4x2x0,75	190	12.0	24.500
5x2x0,75	270	14.0	24.500
7x2x0,75	330	16.0	24.500
8x2x0,75	400	19.0	24.500
10x2x0,75	440	19.0	24.500
12x2x0,75	510	20.0	24.500
14x2x0,75	570	21.0	24.500
16x2x0,75	630	23.0	24.500
19x2x0,75	700	23.0	24.500
24x2x0,75	870	27.0	24.500
27x2x0,75	970	29.0	24.500
37x2x0,75	1,230	30.0	24.500
1x2x1,5	110	9.0	12.100
2x2x1,5	170	10.0	12.100
3x2x1,5	280	15.0	12.100
4x2x1,5	320	15.0	12.100
5x2x1,5	400	17.0	12.100
7x2x1,5	500	19.0	12.100
8x2x1,5	590	22.0	12.100
10x2x1,5	690	23.0	12.100
12x2x1,5	800	25.0	12.100
14x2x1,5	900	26.0	12.100
16x2x1,5	1,000	28.0	12.100

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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
19x2x1,5	1,150	30.0	12.100
24x2x1,5	1,410	33.0	12.100
27x2x1,5	1,660	36.0	12.100
37x2x1,5	2,150	41.0	12.100
1x2x2,5	140	10.0	7.410
2x2x2,5	220	12.0	7.410
3x2x2,5	370	16.0	7.410
4x2x2,5	430	17.0	7.410
5x2x2,5	540	20.0	7.410
7x2x2,5	680	21.0	7.410
8x2x2,5	810	25.0	7.410
10x2x2,5	940	26.0	7.410
12x2x2,5	1,100	28.0	7.410
14x2x2,5	1,250	30.0	7.410
16x2x2,5	1,400	32.0	7.410
19x2x2,5	1,610	34.0	7.410
24x2x2,5	2,080	38.0	7.410
27x2x2,5	2,330	41.0	7.410
37x2x2,5	3,040	46.0	7.410
1x3x0,5	90	7.0	36.000
2x3x0,5	150	10.0	36.000
3x3x0,5	210	11.0	36.000
4x3x0,5	250	12.0	36.000
5x3x0,5	300	13.0	36.000
7x3x0,5	420	15.0	36.000
8x3x0,5	480	18.0	36.000
10x3x0,5	570	18.0	36.000
1x3x0,75	120	8.0	24.500
2x3x0,75	160	11.0	24.500
3x3x0,75	250	12.0	24.500
4x3x0,75	280	13.0	24.500
5x3x0,75	360	16.0	24.500
7x3x0,75	490	15.0	24.500
8x3x0,75	610	19.0	24.500
10x3x0,75	660	19.0	24.500



