



250 V Fire Resistant Screened Telecommunication & Control Cables

Construction

- 1 Conductor
Electrolytic, stranded, annealed, bare or tinned copper, Class 2 or Class 5
- 2 Mica Glass tape
- 3 Insulation
XLPE
- 4 Inner Sheath
Polyester tape or filler
- 5 Screen
Copper wire braiding with drain wire
- 6 Outer Sheath
Green 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, these cables have function endurance according to IEC 60331. Screened against electromagnetic interferences.
Standards of Design & Tests	: IEC 60092-376 & IEC 60092-350 / IEC 60331-21

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Nominal Cross-section	Net Weight (approx.)	Overall Diameter of Cable (approx.)	Conductor DC Resistance at 20 °C
mm ²	kg/km	mm	ohm/km
1x2x0,75	100	9.0	24.500
2x2x0,75	140	10.0	24.500
3x2x0,75	240	14.0	24.500
4x2x0,75	270	15.0	24.500
5x2x0,75	330	17.0	24.500
7x2x0,75	410	19.0	24.500
8x2x0,75	480	22.0	24.500
10x2x0,75	550	23.0	24.500
12x2x0,75	630	25.0	24.500
14x2x0,75	710	26.0	24.500
16x2x0,75	790	27.0	24.500
19x2x0,75	890	29.0	24.500
24x2x0,75	1,090	33.0	24.500
27x2x0,75	1,220	35.0	24.500
37x2x0,75	1,670	40.0	24.500
1x2x1,5	130	10.0	12.100
2x2x1,5	190	12.0	12.100
3x2x1,5	330	17.0	12.100
4x2x1,5	380	17.0	12.100
5x2x1,5	470	20.0	12.100
7x2x1,5	590	22.0	12.100
8x2x1,5	710	26.0	12.100
10x2x1,5	810	27.0	12.100
12x2x1,5	950	29.0	12.100
14x2x1,5	1,060	31.0	12.100
16x2x1,5	1,200	33.0	12.100
19x2x1,5	1,360	35.0	12.100
24x2x1,5	1,770	40.0	12.100
27x2x1,5	1,970	42.0	12.100
37x2x1,5	2,550	48.0	12.100
1x3x0,75	150	10.0	24.500
2x3x0,75	210	11.0	24.500
3x3x0,75	360	14.0	24.500
4x3x0,75	420	16.0	24.500
5x3x0,75	480	17.0	24.500
7x3x0,75	620	20.0	24.500
8x3x0,75	720	23.0	24.500
10x3x0,75	830	24.0	24.500
1x3x1,5	200	11.0	12.100
2x3x1,5	270	12.0	12.100
3x3x1,5	480	18.0	12.100
4x3x1,5	570	18.0	12.100
5x3x1,5	700	21.0	12.100
7x3x1,5	880	23.0	12.100
8x3x1,5	1,060	27.0	12.100
10x3x1,5	1,210	28.0	12.100