



0,6/1 kV Fire Resistant Unscreened Power & Lighting 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
Halogen-free thermoplastic filler or polyester tape
- 5 Outer Sheath
Grey or black colored, halogen-free, low smoke, flame-retardant, polyolefine based thermoplastic compound



TÜRK LOYDU

Technical Features

Rated Voltage	: 0,6/1 kV
Test Voltage	: 3,5 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 power and lighting applications. Halogen-free, flame retardant and low smoke density type cables, these cables have function endurance according to IEC 60331.
Standards of Design & Tests	: IEC 60092-353 & 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
1x1	40	5.0	18.100
1x1,5	50	6.0	12.100
1x2,5	60	6.0	7.400
1x4	80	7.0	4.610
1x6	100	7.0	3.080
1x10	140	8.0	1.830
1x16	200	9.0	1.150
1x25	320	11.0	0.727
1x35	420	12.0	0.524
1x50	520	14.0	0.387
1x70	750	16.0	0.268
1x95	990	18.0	0.193
1x120	1,280	20.0	0.154
1x150	1,560	22.0	0.126
1x185	1,930	25.0	0.100
1x240	2,430	27.0	0.076
1x300	3,010	30.0	0.060
2x1	70	9.0	18.100
2x1,5	90	9.0	12.100
2x2,5	120	10.0	7.400
2x4	160	12.0	4.610
2x6	200	13.0	3.080
2x10	300	15.0	1.830
2x16	420	17.0	1.150
2x25	1,040	23.0	0.727
2x35	1,310	26.0	0.524
2x50	1,700	29.0	0.387
2x70	2,320	33.0	0.268
2x95	2,990	37.0	0.193
3x1	90	9.0	18.100
3x1,5	110	10.0	12.100
3x2,5	150	11.0	7.400
3x4	210	12.0	4.610
3x6	270	14.0	3.080
3x10	410	16.0	1.830
3x16	590	19.0	1.150
3x25	1,290	25.0	0.727
3x35	1,640	27.0	0.524
3x50	2,060	30.0	0.387
3x70	2,900	35.0	0.268
3x95	3,770	39.0	0.193
3x120	4,850	44.0	0.154
3x150	5,910	49.0	0.126
3x185	7,450	55.0	0.100
3x240	9,300	60.0	0.076

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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
4x1	110	10.0	18.100
4x1,5	140	11.0	12.100
4x2,5	190	12.0	7.400
4x4	270	14.0	4.610
4x6	350	15.0	3.080
4x10	530	18.0	1.830
4x16	770	20.0	1.150
4x25	1,620	27.0	0.727
4x35	2,070	30.0	0.524
4x50	2,600	34.0	0.387
4x70	3,730	39.0	0.268
4x95	4,890	44.0	0.193
4x120	6,350	50.0	0.154
4x150	7,730	55.0	0.126
5x1	140	11.0	18.100
5x1,5	170	12.0	12.100
5x2,5	240	14.0	7.400
7x1	180	12.0	18.100
7x1,5	230	13.0	12.100
7x2,5	310	15.0	7.400
10x1	250	15.0	18.100
10x1,5	320	16.0	12.100
10x2,5	440	18.0	7.400
12x1	290	16.0	18.100
12x1,5	370	18.0	12.100
12x2,5	520	20.0	7.400
14x1	330	17.0	18.100
14x1,5	430	19.0	12.100
14x2,5	600	21.0	7.400
16x1	380	18.0	18.100
16x1,5	480	20.0	12.100
16x2,5	680	22.0	7.400
19x1	430	19.0	18.100
19x1,5	560	21.0	12.100
19x2,5	780	23.0	7.400
24x1	540	22.0	18.100
24x1,5	700	24.0	12.100
24x2,5	990	27.0	7.400

