



## 0,6/1 kV Screened Power & Lighting 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 with 100 % coverage copper tape 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	: 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.
Standards of Design & Tests	: IEC 60092-353 & 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
1x1	50	6.0	18.100
1x1,5	60	6.0	12.100
1x2,5	70	6.0	7.400
1x4	90	7.0	4.610
1x6	120	7.0	3.080
1x10	170	9.0	1.830
1x16	230	10.0	1.150
1x25	360	12.0	0.727
1x35	460	13.0	0.524
1x50	630	15.0	0.387
1x70	840	17.0	0.268
1x95	1,100	19.0	0.193
1x120	1,400	21.0	0.154
1x150	1,700	23.0	0.126
1x185	2,080	25.0	0.100
1x240	2,600	28.0	0.076
1x300	90	8.0	18.100
2x1	110	9.0	12.100
2x1,5	140	10.0	7.400
2x2,5	190	11.0	4.610
2x4	230	12.0	3.080
2x6	370	15.0	1.830
2x10	510	17.0	1.150
2x16	1,130	23.0	0.727
2x25	1,410	26.0	0.524
2x35	1,750	28.0	0.387
2x50	1,780	29.0	0.268
2x70	3,200	37.0	0.193
2x95	110	9.0	18.100
3x1	140	10.0	12.100
3x1,5	180	11.0	7.400
3x2,5	240	12.0	4.610
3x4	300	13.0	3.080
3x6			

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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
3x10	490	16.0	1.830
3x16	680	18.0	1.150
3x25	1,380	25.0	0.727
3x35	1,750	27.0	0.524
3x50	2,180	30.0	0.387
3x70	3,090	36.0	0.268
3x95	3,990	40.0	0.193
3x120	5,200	45.0	0.154
3x150	6,370	50.0	0.126
3x185	7,800	55.0	0.100
3x240	9,710	61.0	0.076
4x1	130	10.0	18.100
4x1,5	160	10.0	12.100
4x2,5	220	12.0	7.400
4x4	290	13.0	4.610
4x6	410	15.0	3.080
4x10	610	17.0	1.830
4x16	860	20.0	1.150
4x25	1,710	27.0	0.727
4x35	2,180	34.0	0.524
4x50	2,830	34.0	0.387
4x70	3,880	39.0	0.268
4x95	5,140	44.0	0.193
4x120	6,570	50.0	0.154
4x150	8,060	55.0	0.126



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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
5x1	160	10.0	18.100
5x1,5	190	11.0	12.100
5x2,5	260	13.0	7.400
7x1	190	11.0	18.100
7x1,5	240	12.0	12.100
7x2,5	360	14.0	7.400
10x1	260	14.0	18.100
10x1,5	370	16.0	12.100
10x2,5	490	17.0	7.400
12x1	330	15.0	18.100
12x1,5	420	16.0	12.100
12x2,5	570	19.0	7.400
14x1	370	16.0	18.100
14x1,5	470	17.0	12.100
14x2,5	640	20.0	7.400
16x1	410	17.0	18.100
16x1,5	520	18.0	12.100
16x2,5	720	21.0	7.400
19x1	470	18.0	18.100
19x1,5	600	19.0	12.100
19x2,5	820	22.0	7.400
24x1	570	20.0	18.100
24x1,5	730	21.0	12.100
24x2,5	1,100	24.0	7.400
27x1	630	21.0	18.100
27x1,5	810	23.0	12.100
27x2,5	1,130	26.0	7.400
33x1	730	22.0	18.100
33x1,5	950	25.0	12.100
33x2,5	1,340	28.0	7.400
37x1	810	23.0	18.100
37x1,5	1,040	26.0	12.100
37x2,5	1,480	29.0	7.400