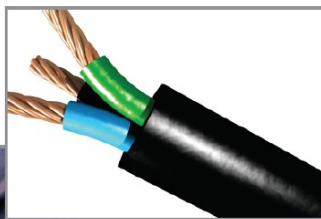
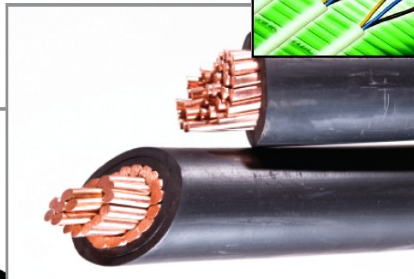
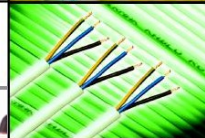
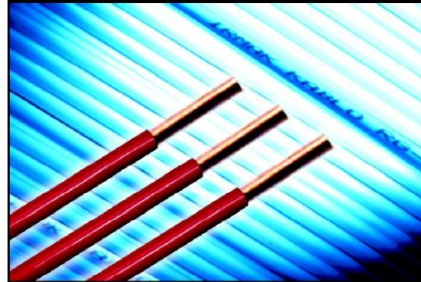


**ELKI
CABLE**

**We produce
the links of
technology**



IRMAK KABLO



Elki Cable is one of Turkey's leading companies in its sector and produces cables in accordance with international quality standards.

Elki Cable has been founded in 1983 and since 1986, it has been producing cables under "IRMAK KABLO" brand name. The company has satisfied customers over the years by focusing on quality and timeliness of delivery.

Various cables used in appliances, consumer electronics products, PC's, and energy transmission are produced in accordance with the ISO 9001:2000 quality system.

All ranges of cables have TSE (Institute of Turkish Standards) and HAR certificates, enabling us to export 30% of our production to the following countries: The Netherlands, the United Kingdom, Germany, Austria, Bulgaria, Romania, Ukraine, Georgia, Iraq, Lebanon, Guinea.

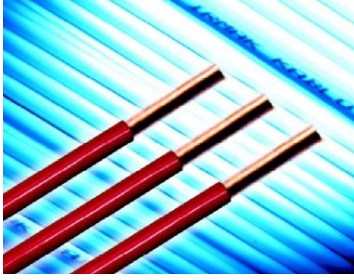
Elki has 8000 squaremeters covered production space in Istanbul and Manisa with 120 employees. PVC used in cables is also produced in house, while copper is supplied from local vendors.

Our annual production capacity is 3000 tons for copper and 4000 tons for PVC.

Beside the cables represented in this catalogue, we are also ready to meet any of your special requirements.



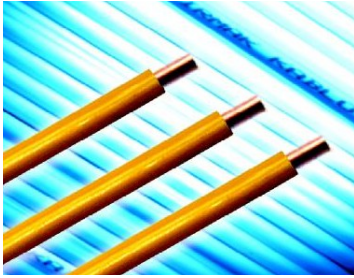
Rigid single core cables for internal wiring



H05V-U

Nominal cross-section (mm ²)	Ave. Conductor Diameter (mm)	Insulation Thickness (mm)	Outer Diameter		Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
			min. (mm)	max. (mm)		
0,5	0,80	0,6	1,9	2,3	36,0	9
0,75	0,98	0,6	2,1	2,5	24,5	12
1	1,13	0,6	2,2	2,7	18,1	15

Irmak Kablo ◇ TSE ◇ HAR ◇ TS 9758



H07V-U

Nominal cross-section (mm ²)	Ave. Conductor Diameter (mm)	Insulation Thickness (mm)	Outer Diameter		Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
			min. (mm)	max. (mm)		
1,5	1,38	0,7	2,6	3,2	12,10	19
2,5	1,78	0,8	3,2	3,4	7,41	30
4	2,26	0,8	3,6	4,4	4,61	47
6	2,76	0,8	3,8	5,0	3,08	68

Irmak Kablo ◇ TSE ◇ HAR ◇ TS 9758

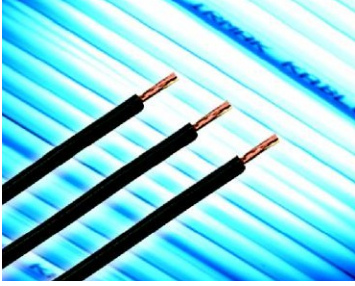
Product Description

- Solid or stranded copper conductor
- Color-coded PVC insulation
- Rated Temperature: 70°C
- Rated Voltage:
 - H05V-U: 300V / 500V
 - H07V-U: 450V / 750V

Applications

- Fixed protected installation inside appliances and in or on lighting fittings.
- Suitable for installation in mounted or embedded conduits, only for signalling or control circuits.

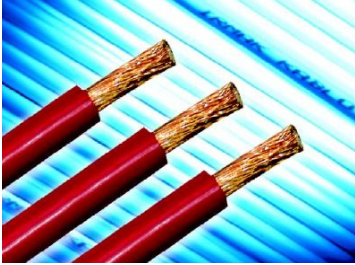
Flexible single core cables for internal wiring



H05V-K

Conductor		Insulation Thickness (mm)	Outer Diameter		Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
Cross Section (mm²)	No. & Diameter (mm)		min. (mm)	max. (mm)		
0,5	16x0.19	0,6	2,1	2,5	39,0	8
0,75	24x0.19	0,6	2,2	2,7	26,0	12
1	32x0.19	0,6	2,4	2,8	19,5	15

Irmak Kablo ◇ TSE ◇ HAR ◇ TS 9758



H07V-K

Conductor		Insulation Thickness (mm)	Outer Diameter		Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
Cross Section (mm²)	No. & Diameter (mm)		min. (mm)	max. (mm)		
1,5	27x0.25	0,7	2,8	3,4	13,30	20
2,5	45x0.25	0,8	3,4	4,1	7,98	32
4	56x0.29	0,8	3,9	4,8	4,95	51
6	84x0.29	0,8	4,4	5,3	3,30	75
10	80x0.39	1,0	5,7	6,8	1,91	127
16	126x0.39	1,0	6,7	8,1	1,21	185
25	200x0.39	1,2	8,4	10,2	0,78	300
35	280x0.39	1,2	9,7	11,7	0.554	440
50	400x0.39	1,4	11,5	13,9	0.386	590
70	560x0.39	1,4	13,2	16,0	0.272	830
95	760x0.39	1,6	15,1	18,2	0.206	1100

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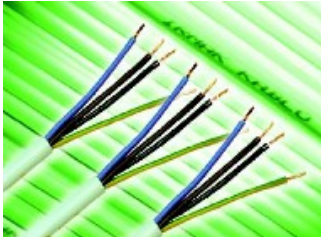
Product Description

- Flexible copper conductor
- Color-coded PVC insulation
- Rated Temperature: 70°C
- Rated Voltage:
 - H05V-K: 300V / 500V
 - H07V-K: 450V / 750V

Applications

- For internal wiring in electrical equipment where small bending radius is required.

Flexible multi-core cables



H03VV-F

Conductor		Insulation Thickness (mm)	Jacket Thickness (mm)	Outer Diameter		Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
Cross Section (mm ²)	No. & Diameter (mm)			min. (mm)	max. (mm)		
2x0.50	16x0.19	0,5	0,6	4,6	5,9	39	45
2x0.75	24x0.19	0,5	0,6	4,9	6,3	26	50
3G0.50	16x0.19	0,5	0,6	4,9	6,3	39	55
3G0.75	24x0.19	0,5	0,6	5,2	6,7	26	65
4G0.50	16x0.19	0,5	0,6	5,4	6,9	39	70
4G0.75	24x0.19	0,5	0,6	5,7	7,3	26	80

Irmak Kablo ◇ TSE ◇ HAR ◇ TS 9760

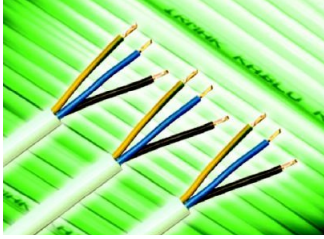
Product Description

- Bare stranded copper conductor
- Color-coded PVC insulation
- Cores twisted together
- PVC jacketed cord, flat type
- Rated Temperature: 70°C
- Rated Voltage: 300V / 300V

Applications

- Suitable for light moveable equipment, in houses and offices (wiring for light portable appliances, which are subject to slight mechanical stress)
- Also suitable where good flexibility is required, provided there is no risk of mechanical damage.
- For connection of household appliances, radio and TV sets and electrical devices to power supply networks with rated voltage $U_0/U - 300/300V$

Flexible multi-core cables



H05VV-F

Conductor		Insulation Thickness (mm)	Jacket Thickness (mm)	Outer Diameter		Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
Cross Section (mm²)	No. & Diameter (mm)			min. (mm)	max. (mm)		
2x0.75	24x0.19	0,6	0,8	5,7	7,2	26	53
2x1.00	32x0.19	0,6	0,8	5,9	7,5	19,5	69
2x1.50	27x0.25	0,7	0,8	6,8	8,6	13,3	83
2x2.50	45x0.25	0,8	1,0	8,4	10,6	7.98	132
2x4.00	56x0.29	0,8	1,1	9,7	12,1	4.95	220
3G0.75	24x0.19	0,6	0,8	6,0	7,6	26	73
3G1.00	32x0.19	0,6	0,8	6,3	8,0	19,5	86
3G1.50	27x0.25	0,7	0,9	7,4	9,4	13,3	107
3G2.50	45x0.25	0,8	1,1	9,2	11,4	7.98	165
3G4.00	56x0.29	0,8	1,2	10,5	13,1	4.95	250
4G0.75	24x0.19	0,6	0,8	6,6	8,3	26	89
4G1.00	32x0.19	0,6	0,9	7,1	9,0	19.5	104
4G1.50	27x0.25	0,7	1,0	8,4	10,5	13.3	136
4G2.50	45x0.25	0,8	1,1	10,1	12,5	7.98	205
4G4.00	56x0.29	0,8	1,2	11,5	14,3	4.95	307
5G0.75	24x0.19	0,6	0,9	7,4	9,3	26	99
5G1.00	32x0.19	0,6	0,9	7,8	9,8	19.5	107
5G1.50	27x0.25	0,7	1,1	9,3	11,6	13.3	181
5G2.50	45x0.25	0,8	1,2	11,2	13,9	7.98	256
5G4.00	56x0.29	0,8	1,4	13,0	16,1	4.95	380

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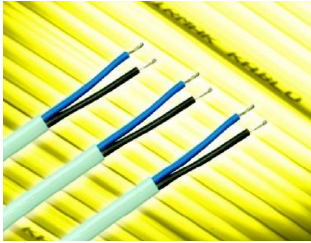
Product Description

- Flexible copper conductor
- Color-coded PVC insulation
- Cores twisted together
- PVC jacketed cord, flat type
- Rated Temperature: 70°C
- Rated Voltage: 300V / 500V

Applications

- For connection of household and office appliances, electrical tools and devices to power supply networks with rated voltage $U_0/U - 300/500V$
- For domestic appliances in damp conditions (washing machines, hairdryers, refrigerators, etc)
- Permitted for domestic heating appliances provided they do not come into contact with sources of heat or radiation

Flat-shaped flexible multi-core cables



H03VVH2-F

Conductor		Insulation Thickness (mm)	Jacket Thickness (mm)	Outer Diameter		Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
Cross Section (mm²)	No. & Diameter (mm)			min. (mm)	max. (mm)		
2x0.50	16x0.19	0,5	0,6	3.0x4.9	3.7x5.9	39	45
2x0.75	24x0.19	0,5	0,6	3.2x5.2	3.8x6.3	26	50

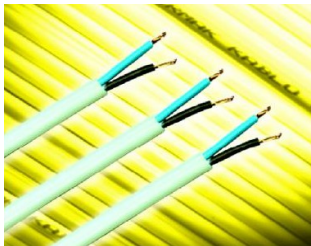
Irmak Kablo ◇ TSE ◇ HAR ◇ TS 9760

Product Description

- Bare stranded copper conductor
- Color-coded PVC insulation
- PVC jacket cord
- Rated Temperature: 70°C
- Rated Voltage: 300V / 300V

Applications

- Suitable for light moveable equipment, in houses and offices (wiring for light portable appliances which are subject to slight mechanical stress)
- Also suitable where good flexibility is required, provided there is no risk of mechanical damage.
- For connection of household appliances, radio and TV sets and electrical devices to the power supply networks with rated voltage $U_0/U - 300/300V$



H05VVH2-F

Conductor		Insulation Thickness (mm)	Jacket Thickness (mm)	Outer Diameter		Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
Cross Section (mm²)	No. & Diameter (mm)			min. (mm)	max. (mm)		
2x0.75	24x0.19	0,6	0,8	3.7x6.0	4.7x7.2	26	36
2x1.00	32x0.19	0,6	0,8	3.9x6.2	4.7x7.5	19,5	45

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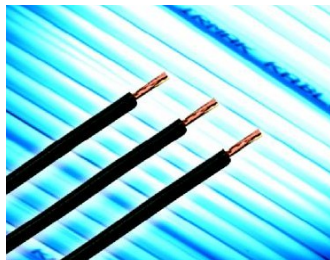
Product Description

- Bare stranded copper conductor
- Color-coded PVC insulation
- PVC jacket cord, flat type
- Rated Temperature: 70°C
- Rated Voltage: 300V / 500V

Applications

- In household and office appliances which are subject to medium mechanical stress.
- For domestic appliances in damp conditions (washing machines, hairdryers, refrigerators, etc)
- Permitted for domestic heating appliances provided they do not come into contact with sources of heat or radiation.

Single-core non-sheathed cables for internal wiring



H05V2-K

Conductor		Insulation Thickness (mm)	Outer Diameter		Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
Cross Section (mm²)	No. & Diameter (mm)		min. (mm)	max. (mm)		
0,5	16x0.19	0,6	2,1	2,5	39	9
0,75	24x0.19	0,6	2,2	2,7	26	11,5
1	32x0.19	0,6	2,4	2,8	19,5	14,1

TS HD 21.7 S2



H07V2-K

Conductor		Insulation Thickness (mm)	Outer Diameter		Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
Cross Section (mm²)	No. & Diameter (mm)		min. (mm)	max. (mm)		
1,5	27x0.25	0,7	2,8	3,4	13,30	19
2,5	45x0.25	0,8	3,4	4,1	7,98	30
4	56x0.29	0,8	3,9	4,8	4,95	45
6	84x0.29	0,8	4,4	5,3	3,30	63
10	80x0.39	1,0	5,7	6,8	1,91	110
16	126x0.39	1,0	6,7	8,1	1,21	165
25	200x0.39	1,2	8,4	10,2	0,78	255
35	280x0.39	1,2	9,7	11,7	0.554	345

TS HD 21.7 S2

Product Description

- Bare stranded copper conductor
- Color-coded PVC insulation
- Rated Temperature: 90°C
- Rated Voltage:
H05V2-K: 300V / 500V
H07V2-K: 450V / 750V

Applications

- Suitable for internal wiring and installation inside appliances and lighting fittings.

Single-core non-sheathed cables for general purposes



H05V-R

Conductor		Insulation Thickness (mm)	Outer Diameter		Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
Cross Section (mm²)	No. & Diameter (mm)		min. (mm)	max. (mm)		
0,5	7x0.30	0,6	2,1	2,5	36	9
0,75	7x0.37	0,6	2,2	2,7	24,5	12
1	7x0.43	0,6	2,4	2,8	18,1	15



H07V-R

Conductor		Insulation Thickness (mm)	Outer Diameter		Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
Cross Section (mm²)	No. & Diameter (mm)		min. (mm)	max. (mm)		
1,5	7x0.51	0,7	2,8	3,4	12,10	22
2,5	7x0.66	0,8	3,4	4,1	7,41	35
4	7x0.83	0,8	3,9	4,8	4,61	50
6	7x1.02	0,8	4,4	5,3	3,08	71
10	7x1.34	1,0	5,7	6,8	1,83	120
16	7x1.70	1,0	6,7	8,1	1,15	180
25	7x2.20	1,2	8,4	10,2	0,727	280
35	7x2.55	1,2	9,7	11,7	0,524	380

Product Description

- Seven wire, bare copper conductor
- Color-coded PVC insulation
- Rated Temperature: 70°C
- Rated Voltage:
H05V-R: 300V / 500V
H07V-R: 450V / 750V

Applications

- Suitable for fixed protected installation inside appliances and in lighting fittings.

FLRY-A

Application : Low voltage thin wall cables for vehicles

Rated Temperature : - 40 °C to + 105 °C(3000 h)

Conductor : Soft annealed plain copper (Type A)

Insulation : Class B (105°C) PVC and RoHS Compliant

Standard : ISO 6722



Conductor				Insulation		Cable	
Nominal cross-section (mm ²)	Number of wires and max. diameter (no x mm)	Conductor max. diameter (mm)	Max. resistance at 20 °C (mΩ/m)	Insulation thickness		Outside max. diameter (mm)	Weight approx. (kg/km)
				nom. (mm)	min. (mm)		
0,22	7 x 0,21	0,70	84,40	0,25	0,20	1,20	2,6
0,35	7 x 0,26	0,90	54,40	0,25	0,20	1,40	4,5
0,5	19 x 0,19	1,10	37,10	0,28	0,22	1,70	6,6
0,75	19 x 0,23	1,30	24,70	0,30	0,24	1,90	9
1	19 x 0,26	1,50	18,50	0,30	0,24	2,10	11
1,5	19 x 0,32	1,80	12,70	0,30	0,24	2,40	16
2	19 x 0,37	2,00	9,42	0,35	0,28	2,80	21
2,5	19 x 0,41	2,20	7,60	0,35	0,28	3,00	26

FLRY-B

Application : Low voltage thin wall cables for vehicles

Rated Temperature : - 40 °C to + 105 °C(3000 h)

Conductor : Soft annealed plain copper (Type B)

Insulation : Class B (105°C) PVC and RoHS Compliant

Standard : ISO 6722



Conductor				Insulation		Cable	
Nominal cross-section (mm ²)	Number of wires and max. diameter (no x mm)	Conductor max. diameter (mm)	Max. resistance at 20 °C (mΩ/m)	Insulation thickness		Outside max. diameter (mm)	Weight approx. (kg/km)
				nom. (mm)	min. (mm)		
0,22	7 x 0,21	0,70	84,40	0,25	0,20	1,20	2,6
0,35	12 x 0,21	0,90	54,40	0,25	0,20	1,40	4,5
0,5	16 x 0,21	1,10	37,10	0,28	0,22	1,70	6,6
0,75	24 x 0,21	1,30	24,70	0,30	0,24	1,90	9
1	32 x 0,21	1,50	18,50	0,30	0,24	2,10	11
1,5	30 x 0,26	1,80	12,70	0,30	0,24	2,40	16
2	28 x 0,31	2,00	9,42	0,35	0,28	2,80	21
2,5	50 x 0,26	2,20	7,60	0,35	0,28	3,00	26
3	44 x 0,31	2,40	6,15	0,40	0,32	3,40	33
4	56 x 0,31	2,80	4,71	0,40	0,32	3,80	42
5	70 x 0,31	3,10	3,94	0,40	0,32	4,20	54
6	84 x 0,31	3,40	3,14	0,40	0,32	4,30	61
10	80 x 0,41	4,50	1,82	0,60	0,48	6,00	108
16	126 x 0,41	6,30	1,16	0,65	0,52	7,90	170
25	196 x 0,41	7,80	0,743	0,65	0,52	9,40	260

Application : Low voltage thick wall cables for vehicles

Rated Temperature : - 40 °C to + 105 °C(3000 h)

Conductor : Soft annealed plain copper

Insulation : Class B (105°C) PVC and RoHS Compliant

Standard : ISO 6722



Conductor				Insulation		Cable	
Nominal cross-section (mm ²)	Number of wires and max. diameter (no x mm)	Conductor max. diameter (mm)	Max. resistance at 20 °C (mΩ/m)	Insulation thickness		Outside max. diameter (mm)	Weight approx. (kg/km)
				nom. (mm)	min. (mm)		
0,5	16 x 0,21	1,10	37,10	0,60	0,48	2,30	8
0,75	24 x 0,21	1,30	24,70	0,60	0,48	2,50	11
1	32 x 0,21	1,50	18,50	0,60	0,48	2,70	14
1,5	30 x 0,26	1,80	12,70	0,60	0,48	3,00	19
2	28 x 0,31	2,00	9,42	0,60	0,48	3,30	26
2,5	50 x 0,26	2,20	7,60	0,70	0,56	3,60	31
3	44 x 0,31	2,40	6,15	0,70	0,56	4,10	36
4	56 x 0,31	2,80	4,71	0,80	0,64	4,40	48
5	70 x 0,31	3,10	3,94	0,80	0,64	4,90	61
6	84 x 0,31	3,40	3,14	0,80	0,64	5,00	68
10	80 x 0,41	4,50	1,82	1,00	0,80	6,50	115
16	126 x 0,41	6,30	1,16	1,00	0,80	8,30	185
25	196 x 0,41	7,80	0,743	1,30	1,04	10,40	290
35	276 x 0,41	9,00	0,527	1,30	1,04	11,60	380
50	396 x 0,41	10,50	0,368	1,50	1,20	13,50	530
70	360 x 0,51	12,50	0,259	1,50	1,20	15,50	720
95	475 x 0,51	14,80	0,196	1,60	1,28	18,00	980
120	608 x 0,51	16,50	0,153	1,60	1,28	19,70	1250

Application : Low voltage thin wall cables for vehicles

Rated Temperature : - 40 °C to + 125 °C(3000 h)

Conductor : Soft annealed plain copper

Insulation : Class C (125°C) PVC and RoHS Compliant

Standard : ISO 6722



Conductor				Insulation		Cable	
Nominal cross-section (mm ²)	Number of wires and max. diameter (no x mm)	Conductor max. diameter (mm)	Max. resistance at 20 °C (mΩ/m)	Insulation thickness		Outside max. diameter (mm)	Weight approx. (kg/km)
				nom. (mm)	min. (mm)		
0,22	7 x 0,21	0,70	84,40	0,25	0,20	1,20	2,6
0,35	12 x 0,21	0,90	54,40	0,25	0,20	1,40	4,5
0,5	16 x 0,21	1,10	37,10	0,28	0,22	1,70	6,6
0,75	24 x 0,21	1,30	24,70	0,30	0,24	1,90	9
1	32 x 0,21	1,50	18,50	0,30	0,24	2,10	11
1,5	30 x 0,26	1,80	12,70	0,30	0,24	2,40	16
2	28 x 0,31	2,00	9,42	0,35	0,28	2,80	21
2,5	50 x 0,26	2,20	7,60	0,35	0,28	3,00	26
3	44 x 0,31	2,40	6,15	0,40	0,32	3,40	33
4	56 x 0,31	2,80	4,71	0,40	0,32	3,80	42
5	70 x 0,31	3,10	3,94	0,40	0,32	4,20	54
6	84 x 0,31	3,40	3,14	0,40	0,32	4,30	61
10	80 x 0,41	4,50	1,82	0,60	0,48	6,00	108
16	126 x 0,41	6,30	1,16	0,65	0,52	7,90	170
25	196 x 0,41	7,80	0,743	0,65	0,52	9,40	260

Application : Low voltage super thin wall cables for vehicles

Rated Temperature : - 40 °C to + 105 °C(3000 h)

Conductor : Soft annealed plain copper

Insulation : Class B (105°C) PVC and RoHS Compliant

Standard : JASO D 611



Conductor				Insulation		Cable		
Nominal cross-section (mm ²)	Number of wires and max. diameter (no x mm)	Conductor max. diameter (mm)	Max. resistance at 20 °C (mΩ/m)	Insulation thickness		Outside diameter		Weight approx. (kg/km)
				nom. (mm)	min. (mm)	nom. (mm)	max. (mm)	
0,3	7 x 0,26	0,80	50,20	0,30	0,24	1,40	1,50	5
0,3 f	19 x 0,16	0,80	48,80	0,30	0,24	1,40	1,50	5
0,5	7 x 0,32	1,00	32,70	0,30	0,24	1,60	1,70	7
0,5 f	19 x 0,19	1,00	34,60	0,30	0,24	1,60	1,70	7
0,75 f	19 x 0,23	1,10	23,60	0,30	0,24	1,80	1,90	9,5
0,85	19 x 0,24	1,20	21,70	0,30	0,24	1,80	1,90	10
1,25	19 x 0,29	1,50	14,90	0,30	0,24	2,10	2,20	14
1,25 f	37 x 0,21	1,50	14,60	0,30	0,24	2,10	2,20	14
2 f	37 x 0,26	1,80	9,50	0,40	0,32	2,60	2,70	22

Application : Low voltage thin wall cables for vehicles

Rated Temperature : - 40 °C to + 105 °C(3000 h)

Conductor : Soft annealed plain copper

Insulation : Class B (105°C) PVC and RoHS Compliant

Standard : JASO D 611



Conductor				Insulation		Cable		
Nominal cross-section (mm ²)	Number of wires and max. diameter (no x mm)	Conductor max. diameter (mm)	Max. resistance at 20 °C (mΩ/m)	Insulation thickness		Outside diameter		Weight approx. (kg/km)
				nom. (mm)	min. (mm)	nom. (mm)	max. (mm)	
0,3	7 x 0,26	0,80	50,20	0,50	0,40	1,80	1,90	6
0,3 f	15 x 0,18	0,80	48,90	0,50	0,40	1,80	1,90	6
0,5	7 x 0,32	1,00	32,70	0,50	0,40	2,00	2,10	8
0,5 f	20 x 0,18	1,00	36,70	0,50	0,40	2,00	2,10	8
0,75 f	30 x 0,18	1,20	24,40	0,50	0,40	2,20	2,30	11
0,85	11 x 0,32	1,20	20,80	0,50	0,40	2,20	2,30	12
1,25	16 x 0,32	1,50	14,30	0,50	0,40	2,50	2,60	16
1,25 f	50 x 0,18	1,50	14,70	0,50	0,40	2,50	2,60	16
2	26 x 0,32	1,90	8,81	0,50	0,40	2,90	3,10	24
2 f	37 x 0,26	1,80	9,50	0,50	0,40	2,80	2,90	24
3	41 x 0,32	2,40	5,59	0,60	0,48	3,60	3,80	38
5	65 x 0,32	3,00	3,52	0,70	0,56	4,40	4,60	58

Application : Low voltage thick wall cables for vehicles

Rated Temperature : - 40 °C to + 105 °C(3000 h)

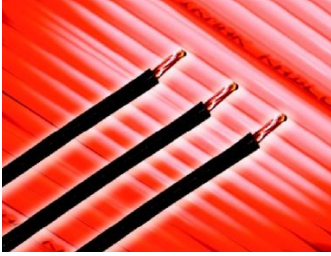
Conductor : Soft annealed plain copper

Insulation : Class B (105°C) PVC and RoHS Compliant

Standard : JASO C 3406



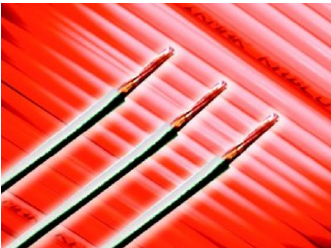
Conductor				Insulation		Cable		
Nominal cross-section (mm ²)	Number of wires and max. diameter (no x mm)	Conductor max. diameter (mm)	Max. resistance at 20 °C (mΩ/m)	Insulation thickness		Outside diameter		Weight approx. (kg/km)
				nom. (mm)	min. (mm)	nom. (mm)	max. (mm)	
0,5	7 x 0,32	1,00	32,70	0,60	0,48	2,20	2,40	10
0,5 f	20 x 0,18	1,00	36,70	0,60	0,48	2,20	2,40	9
0,75 f	30 x 0,18	1,10	24,40	0,60	0,48	2,40	2,60	12
0,85	11 x 0,32	1,20	20,80	0,60	0,48	2,40	2,60	13
1,25	16 x 0,32	1,50	14,30	0,60	0,48	2,70	2,90	18
1,25 f	50 x 0,18	1,50	14,70	0,60	0,48	2,70	2,90	17
2	26 x 0,32	1,90	8,81	0,60	0,48	3,10	3,40	26
2 f	37 x 0,26	1,80	9,50	0,60	0,48	3,00	3,40	25
3	41 x 0,32	2,40	5,59	0,70	0,56	3,80	4,10	40
3 f	61 x 0,26	2,40	5,76	0,70	0,56	3,80	4,10	40
5	65 x 0,32	3,00	3,52	0,80	0,64	4,60	4,90	60
8	50 x 0,45	3,70	2,32	0,90	0,72	5,50	5,80	90
10	63 x 0,45	4,50	1,84	1,00	0,80	6,50	6,90	120
15	84 x 0,45	5,40	1,38	1,10	0,88	7,60	8,00	150
20	41 x 0,80	6,10	0,887	1,10	0,88	8,30	8,80	220
30	70 x 0,80	8,00	0,520	1,40	1,12	10,80	11,50	380
40	85 x 0,80	8,60	0,428	1,40	1,12	11,40	12,10	455
50	108 x 0,80	9,80	0,337	1,60	1,28	13,00	13,80	580



Cables with thick isolation

Conductor		Insulation Thickness		Outer Diameter		Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
Cross Section (mm²)	No. & Diameter (mm)	Nominal (mm)	Min. (mm)	min. (mm)	max. (mm)		
0,5	16x0.19	0,6	0,44	1,8	2,3	37,1	8
0,75	24x0.19	0,6	0,44	2,1	2,5	24,7	12
1	32x0.19	0,6	0,44	2,3	2,7	18,5	15
1,5	27x0.25	0,6	0,44	2,6	3,0	12,7	20
2,5	45x0.25	0,7	0,53	3,2	3,6	7,6	32
4	56x0.29	0,8	0,62	3,9	4,4	4.71	51
6	84x0.29	0,8	0,62	4,5	5,0	3.14	75
10	80x0.39	1,0	0,80	5,7	6,5	1.82	127
16	126x0.39	1,0	0,80	7,2	8,3	1.16	185
25	196x0.39	1,3	1,07	9,6	10,4	0.743	300
35	276x0.39	1,3	1,07	10,9	11,6	0.527	440
50	396x0.39	1,5	1,25	11,3	13,5	0.368	590
70	360x0.49	1,5	1,25	15,0	15,5	0.259	830
95	475x0.49	1,6	1,34	17,5	18,0	0.196	1100
120	608x0.49	1,6	1,34	19,2	19,7	0.153	1320

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Cables with thin isolation

Conductor		Insulation Thickness		Outer Diameter		Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
Cross Section (mm²)	No. & Diameter (mm)	Nominal (mm)	Min. (mm)	min. (mm)	max. (mm)		
0,22	7x0.20	0,30	0,24	1,1	1,3	84,8	3,3
0,35	12x0.20	0,30	0,24	1,2	1,5	54,4	4,5
0,5	16x0.19	0,35	0,28	1,6	1,9	37,1	7,3
0,75	24x0.19	0,35	0,28	1,7	2,1	24,7	9,6
1	32x0.19	0,35	0,28	1,9	2,3	18,5	12
1,5	27x0.25	0,35	0,28	2,2	2,6	12,7	18
2	28x0.29	0,35	0,28	2,4	2,8	9.42	23
2,5	45x0.25	0,35	0,28	2,6	3,0	7,6	28
3	44x0.29	0,40	0,32	3,0	3,4	6	34
4	56x0.29	0,40	0,32	3,3	3,8	4.71	44
5	70x0.29	0,45	0,36	3,7	4,2	3.94	56
6	84x0.29	0,45	0,36	3,9	4,5	3.14	64
10	80x0.39	0,60	0,48	5,2	6,0	1.82	108
16	126x0.39	0,65	0,52	6,9	7,9	1.16	179
25	196x0.39	0,65	0,52	8,5	9,4	0.757	280

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Silicone Cables



N2GFAF – flexible

Conductor Cross Section (mm ²)	Nom. Insulation Thickness (mm)	Outer Diameter min. (mm)	Weight approx. (kg/km)
0,5	0,6	2,1	9
0,75	0,6	2,4	12,5
1	0,6	2,5	15,1
1,5	0,7	2,9	21,2
2,5	0,8	3,5	32,7
4	0,8	4,2	52,3
6	0,8	5,2	80,1
10	1,0	6,4	129,7
16	1,2	8,0	205,5

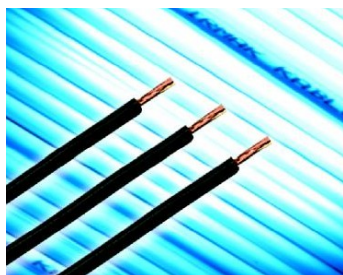


N2GFA – rigid

Conductor Cross Section (mm ²)	Nom. Insulation Thickness (mm)	Outer Diameter min. (mm)	Weight approx. (kg/km)
0,5	0,6	2,0	8,7
0,75	0,6	2,2	11,6
1	0,6	2,3	14,5
1,5	0,6	2,6	19,9
2,5	0,7	3,2	31,3

Rated Temperature: -60°C / +180°C

Halogen-free flexible single core cables



05Z1-K

Conductor		Insulation Thickness (mm)	Outer Diameter (mm)	Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
Cross Section (mm²)	No. & Diameter (mm)				
0,5	16x0.19	0,5	1,9	39,0	8
0,75	24x0.19	0,6	2,3	26,0	11
1	32x0.19	0,6	2,4	19,5	14



07Z1-K

Conductor		Insulation Thickness (mm)	Outer Diameter (mm)	Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
Cross Section (mm²)	No. & Diameter (mm)				
1,5	27x0.25	0,70	2,9	13,30	20
2,5	45x0.25	0,80	3,5	7,98	32
4	56x0.29	0,80	4,1	4,95	46
6	84x0.29	0,80	4,8	3,30	66
10	80x0.39	1,00	6,0	1,91	109
16	126x0.39	1,00	7,2	1,21	169
25	200x0.39	1,20	8,8	0,78	260
35	280x0.39	1,20	9,7	0.554	343
50	400x0.39	1,40	11,5	0.386	499
70	560x0.39	1,40	13,3	0.272	683
95	760x0.39	1,60	15,4	0.206	923

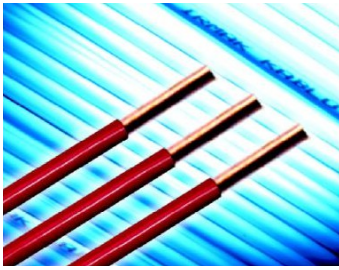
Product Description

- Flexible copper conductor
- Halogen-free thermoplastic insulation
- Rated Temperature: 70°C
- Rated Voltage:
 - 05Z1-K: 300V / 500V
 - 07Z1-K: 450V / 750V

Applications

- Suitable for populated locations with fire risk, such as shopping centers, hotels, schools, business centers, etc.

Halogen-free rigid and flexible single core cables



07Z1-U

Conductor		Insulation Thickness (mm)	Outer Diameter (mm)	Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
Cross Section (mm²)	No. & Diameter (mm)				
1,5	1x1.38	0,7	2,8	12,1	20
2,5	1x1.78	0,8	3,4	7,41	31,1
4	1x2.26	0,8	3,8	4,61	45
6	1x2.76	0,8	4,3	3,08	63,7



07Z1-R

Conductor		Insulation Thickness (mm)	Outer Diameter (mm)	Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
Cross Section (mm²)	No. & Diameter (mm)				
1,5	7x0.51	0,70	3,0	12,10	21,4
2,5	7x0.66	0,80	3,6	7,41	32,8
4	7x0.83	0,80	4,1	4,61	47,6
6	7x1.02	0,80	4,7	3,08	67,7
10	7x1.34	1,00	5,9	1,83	109,1
16	7x1.70	1,00	7,0	1,15	167,5
25	7x2.20	1,20	8,4	0,727	262,1
35	7x2.55	1,20	9,4	0,524	347,8

Product Description

- Rigid or flexible copper conductor
- Halogen-free thermoplastic insulation
- Rated Temperature: 70°C
- Rated Voltage: 450V / 750V

Applications

- Suitable for populated locations with fire risk, such as shopping centers, hotels, schools, business centers, etc.

Halogen-free flexible multi-core cables



H03Z1Z1-F

Conductor		Insulation Thickness (mm)	Jacket Thickness (mm)	Outer Diameter (mm)	Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
Cross Section (mm²)	No. & Diameter (mm)					
2x0.50	16x0.19	0,5	0,6	5,0	39	38
2x0.75	24x0.19	0,5	0,6	5,4	26	46
3G0.50	16x0.19	0,5	0,6	5,4	39	45
3G0.75	24x0.19	0,5	0,6	5,8	26	56
4G0.50	16x0.19	0,5	0,6	5,8	39	55
4G0.75	24x0.19	0,5	0,6	6,3	26	70

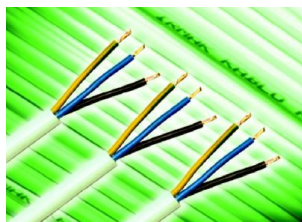
Product Description

- Flexible copper conductor
- Halogen-free thermoplastic insulation
- Halogen-free thermoplastic jacket
- Rated Temperature: 70°C
- Rated Voltage: 300V / 300V

Applications

- Suitable for populated locations with fire risk, such as shopping centers, hotels, schools, business centers, etc.

Halogen-free flexible multi-core cables



H05Z1Z1-F

Conductor		Insulation Thickness (mm)	Jacket Thickness (mm)	Outer Diameter (mm)	Max. resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
Cross Section (mm²)	No. & Diameter (mm)					
2x0.75	24x0.19	0,6	0,8	6,2	26	57
2x1.00	32x0.19	0,6	0,8	6,4	19,5	64
2x1.50	27x0.25	0,7	0,8	7,4	13,3	85
2x2.50	45x0.25	0,8	1,0	9,0	7.98	128
2x4.00	56x0.29	0,8	1,1	10,4	4.95	178
3G0.75	24x0.19	0,6	0,8	6,6	26	67
3G1.00	32x0.19	0,6	0,8	6,8	19,5	76
3G1.50	27x0.25	0,7	0,9	8,1	13,3	107
3G2.50	45x0.25	0,8	1,1	9,8	7.98	160
3G4.00	56x0.29	0,8	1,2	11,3	4.95	224
4G0.75	24x0.19	0,6	0,8	7,2	26	82
4G1.00	32x0.19	0,6	0,9	7,6	19.5	98
4G1.50	27x0.25	0,7	1,0	9,0	13.3	136
4G2.50	45x0.25	0,8	1,1	10,7	7.98	198
4G4.00	56x0.29	0,8	1,4	12,7	4.95	291
5G0.75	24x0.19	0,6	0,9	8,1	26	99
5G1.00	32x0.19	0,6	0,9	8,3	19.5	114
5G1.50	27x0.25	0,7	1,1	10,1	13.3	162
5G2.50	45x0.25	0,8	1,2	11,9	7.98	238
5G4.00	56x0.29	0,8	1,4	13,9	4.95	342

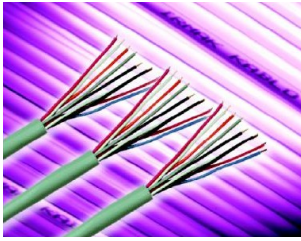
Product Description

- Flexible copper conductor
- Halogen-free thermoplastic insulation
- Halogen-free thermoplastic jacket
- Rated Temperature: 70°C
- Rated Voltage: 300V / 500V

Applications

- Suitable for populated locations with fire risk, such as shopping centers, hotels, schools, business centers, etc.

Telephone cables



VDV

1 x 2 x 0.40 + 0.40 VDV
2 x 2 x 0.40 + 0.40 VDV
3 x 2 x 0.40 + 0.40 VDV
4 x 2 x 0.40 + 0.40 VDV
5 x 2 x 0.40 + 0.40 VDV
6 x 2 x 0.40 + 0.40 VDV
10 x 2 x 0.40 + 0.40 VDV
15 x 2 x 0.40 + 0.40 VDV
20 x 2 x 0.40 + 0.40 VDV
30 x 2 x 0.40 + 0.40 VDV
50 x 2 x 0.40 + 0.40 VDV
100 x 2 x 0.40 + 0.40 VDV

1 x 2 x 0.50 + 0.50 VDV
2 x 2 x 0.50 + 0.50 VDV
3 x 2 x 0.50 + 0.50 VDV
4 x 2 x 0.50 + 0.50 VDV
5 x 2 x 0.50 + 0.50 VDV
6 x 2 x 0.50 + 0.50 VDV
10 x 2 x 0.50 + 0.50 VDV
15 x 2 x 0.50 + 0.50 VDV
20 x 2 x 0.50 + 0.50 VDV
30 x 2 x 0.50 + 0.50 VDV
50 x 2 x 0.50 + 0.50 VDV
100 x 2 x 0.50 + 0.50 VDV

1 x 2 x 0.60 + 0.60 VDV
2 x 2 x 0.60 + 0.60 VDV
3 x 2 x 0.60 + 0.60 VDV
4 x 2 x 0.60 + 0.60 VDV
5 x 2 x 0.60 + 0.60 VDV
6 x 2 x 0.60 + 0.60 VDV
10 x 2 x 0.60 + 0.60 VDV
15 x 2 x 0.60 + 0.60 VDV
20 x 2 x 0.60 + 0.60 VDV
30 x 2 x 0.60 + 0.60 VDV
50 x 2 x 0.60 + 0.60 VDV
100 x 2 x 0.60 + 0.60 VDV

1 x 2 x 0.90 + 0.90 VDV
2 x 2 x 0.90 + 0.90 VDV
3 x 2 x 0.90 + 0.90 VDV
4 x 2 x 0.90 + 0.90 VDV
5 x 2 x 0.90 + 0.90 VDV
6 x 2 x 0.90 + 0.90 VDV
10 x 2 x 0.90 + 0.90 VDV
15 x 2 x 0.90 + 0.90 VDV
20 x 2 x 0.90 + 0.90 VDV
30 x 2 x 0.90 + 0.90 VDV
50 x 2 x 0.90 + 0.90 VDV
100 x 2 x 0.90 + 0.90 VDV

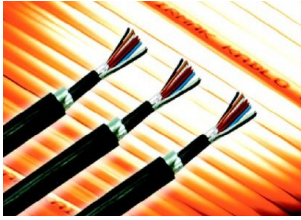
Product Description

- Bare or tinned copper conductor
- Color-coded PVC insulation
- PVC jacket cord, flat type

Applications

- These cables are used for signal transmission at fixed indoor installations.

Underground buried type communication cables



PD-PAP

2 x 2 x 0.40 PD-PAP
4 x 2 x 0.40 PD-PAP
6 x 2 x 0.40 PD-PAP
10 x 2 x 0.40 PD-PAP
20 x 2 x 0.40 PD-PAP
30 x 2 x 0.40 PD-PAP
50 x 2 x 0.40 PD-PAP

2 x 2 x 0.50 PD-PAP
4 x 2 x 0.50 PD-PAP
6 x 2 x 0.50 PD-PAP
10 x 2 x 0.50 PD-PAP
20 x 2 x 0.50 PD-PAP
30 x 2 x 0.50 PD-PAP
50 x 2 x 0.50 PD-PAP

2 x 2 x 0.60 PD-PAP
4 x 2 x 0.60 PD-PAP
6 x 2 x 0.60 PD-PAP
10 x 2 x 0.60 PD-PAP
20 x 2 x 0.60 PD-PAP
30 x 2 x 0.60 PD-PAP
50 x 2 x 0.60 PD-PAP

2 x 2 x 0.90 PD-PAP
4 x 2 x 0.90 PD-PAP
6 x 2 x 0.90 PD-PAP
10 x 2 x 0.90 PD-PAP
20 x 2 x 0.90 PD-PAP
30 x 2 x 0.90 PD-PAP
50 x 2 x 0.90 PD-PAP

Product Description

- Annealed copper conductors
- Foam-Skim PE insulation
- Star quad construction
- PE inner sheath
- Aluminum foil (double side copolymer coated)
- PE outer sheath

Applications

- Telephone cables for VF transmission and digital systems.
- Suitable for direct burial.

Drop wire with steel supporting wire

BAP-DT

2 x 0.80 + 1.20

2 x 1.00 + 1.40

2 x 1.36 + 1.40

2 x 1.76 + 1.80

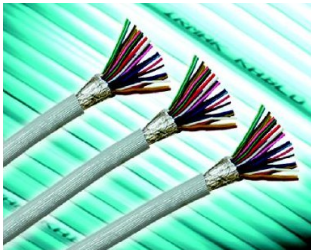
Product Description

- Two copper conductors with supporting steel wire in center.
- PVC insulation

Applications

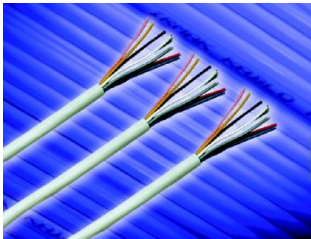
- These cables are designed for telephone subscriber connections as exterior installation, especially in rural areas or long distance subscriber connections.

Data, diaphone and speaker cables



Data cables

2 x 0.22mm ²	1.5mm ²
3 x 0.22mm ²	1.5mm ²
4 x 0.22mm ²	1.5mm ²
5 x 0.22mm ²	1.5mm ²
6 x 0.22mm ²	1.5mm ²
8 x 0.22mm ²	1.5mm ²
10 x 0.22mm ²	1.5mm ²
12 x 0.22mm ²	1.5mm ²
14 x 0.22mm ²	1.5mm ²
16 x 0.22mm ²	1.5mm ²
18 x 0.22mm ²	1.5mm ²
20 x 0.22mm ²	1.5mm ²
22 x 0.22mm ²	1.5mm ²
24 x 0.22mm ²	1.5mm ²

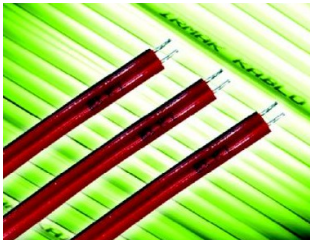


Diaphone cables

4 x 0.22mm ²
6 x 0.22mm ²
8 x 0.22mm ²
10 x 0.22mm ²
12 x 0.22mm ²

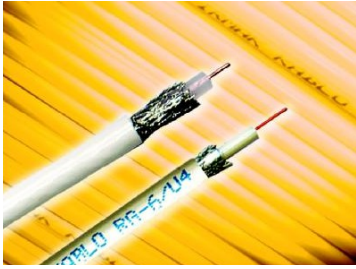
Product Description

- Bare stranded copper conductor
- Color-coded PVC insulation
- PVC jacket cord



Speaker cables

Coaxial cables



Coaxial cables

RG 59 U / 4

RG 6 U / 4

RG 58 A / U

RG 11 U / 4

TWINAXIAL 100

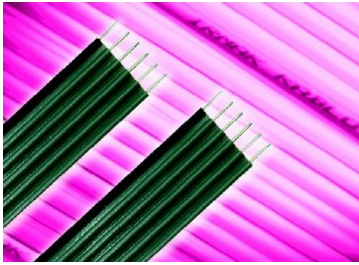
Product Description

- Tinned or bare copper conductors.
- PE or FPE insulation
- Aluminum shield
- PVC jacket

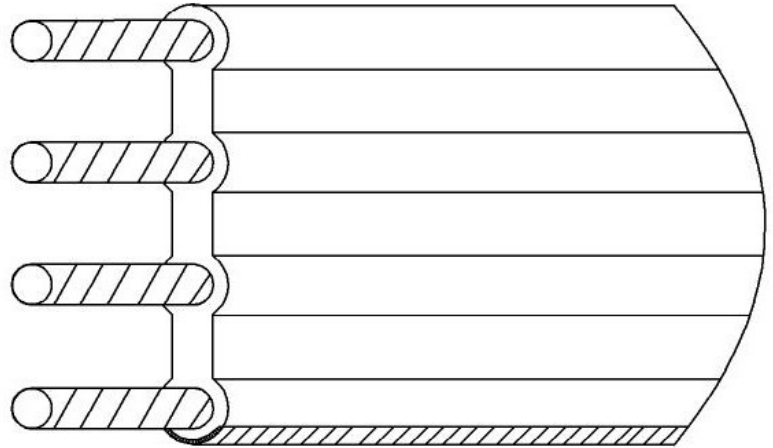
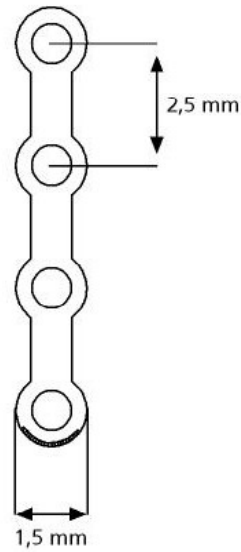
Applications

- 75 ohm cable suitable for TV systems or satellite receivers.

Flat cables



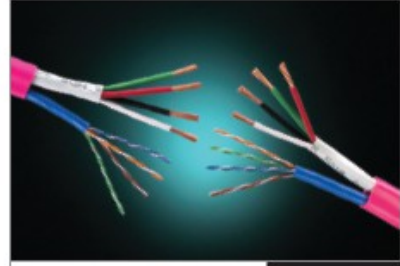
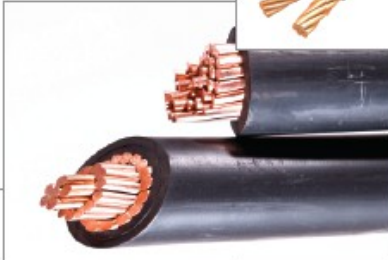
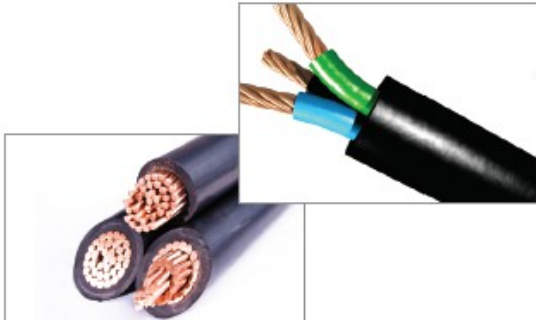
Flat cables



Product Description

Copper:	7x0.20mm or 0.50mm
Number of conductors:	2 – 14
Minimum isolation thickness:	0.40mm
Rated temperature:	70°C
Rated voltage:	300V
If requested, a stripe on leading edge is possible	

Enerji Kabloları Energy Cables



**ELKI
CABLE**



IRMAK KABLO

NYM



Application: In dry, damp and wet locations on premises and in store rooms with fire and explosion hazard.

Can be used outdoors but cannot be buried underground.

Technical data: 1.5mm² – 10mm² are single-core, 10 and 16mm² are multi-core. Insulation is TI 1 thermoplastic.

Twisted. Outer sheath color is grey.

Max. conductor temperature: 70°C

Rated voltage: 300/500V

Rated Crossection (mm ²)	Number of Strands	Conductor Diameter (mm)	Insulation Thickness (mm)	Outer Sheath Thickness (mm)	Outer Diameter (mm)	Weight approx. (kg/km)	Resistance at 20 °C (mΩ/m)
2x1.5	1	1,38	0,6	1,4	8	116	12,1
2x2.5	1	1,80	0,7	1,4	10	160	7,28
2x4	1	2,26	0,8	1,4	11,4	218	4,56
2x6	1	2,80	0,7	1,4	12,4	277	3,03
2x10	1-7	4,10	1,0	1,6	16,4	488	1,83
2x16	1-7	5,20	1,0	1,6	18,6	600	1,15
3x1.5	1	1,38	0,6	1,4	9,2	136	12,1
3x2.5	1	1,80	0,7	1,4	10,5	189	7,28
3x4	1	2,26	0,8	1,4	12	262	4,56
3x6	1	2,80	0,8	1,6	13,5	353	3,03
3x10	1-7	4,10	1,0	1,6	17,4	601	1,83
3x16	1-7	5,20	1,0	1,6	20	856	1,15
4x1.5	1	1,38	0,6	1,4	10	163	12,1
4x2.5	1	1,80	0,7	1,4	11,3	231	7,28
4x4	1	2,26	0,8	1,6	13,4	236	4,56
4x6	1	2,80	0,8	1,6	15	452	3,03
4x10	1-7	4,10	1,1	1,6	19	746	1,83
4x16	1-7	5,20	1,0	1,6	22	1071	1,15

YVV(NYY)



Application: Power cable, underground, in ducts, indoors and outdoors, in pure or salt water, for power stations industrial plants and switching stations.

Technical data: 1,2,3 or 4 cores. Solid conductor between 1.5 and 10mm²; stranded copper conductor between 10 and 400mm². Cores are twisted together and covered with an inner covering and black outer sheath.

Max. conductor temperature: 70°C

Rated voltage: 0.6/1kV

Rated Crosssection (mm ²)	Number of Strands	Conductor Diameter (mm)	Insulation Thickness (mm)	Outer Sheath Thickness (mm)	Outer Diameter (mm)	Resistance at 20 °C (mΩ/m)	Rated Current		Weight approx. (kg/km)
							Ground	Air	
1x4	1	2,26	1,5	1,8	8,9	4,47	65	46	110
1x6	1	2,8	1,5	1,8	9,4	2,97	83	58	140
1x10	1-7	4,1	1,5	1,8	10,7	1,79	110	80	195
1x16	1-7	5,2	1,5	1,8	11,7	1,12	145	105	270
1x25	7	6,4	1,5	1,8	12,9	0,712	190	140	370
1x35	7-19	7,7	1,5	1,8	14,1	0,514	235	175	480
1x50	19	9,2	1,5	1,8	15,6	0,379	280	215	640
1x70	19	11	1,5	1,8	17,2	0,262	350	270	850
1x95	19-37	12,7	1,6	1,8	19,4	0,189	420	335	1115
1x120	37	14,4	1,6	1,8	21,4	0,15	480	390	1340
1x150	37	16,1	1,8	1,8	23	0,122	540	445	1660
1x185	37	18	2,0	2	25,7	0,0972	620	510	2030
1x240	61	20,5	2,2	2	29	0,0740	770	620	2650
2x1.5	1	1,38	0,8	1,8	11	12,1	30	21	180
2x2.5	1	1,8	0,9	1,8	13	7,28	41	29	220
2x4	1	2,26	1,0	1,8	14	4,56	53	38	290
2x6	1	2,8	1,0	1,8	15	3,03	66	48	350
2x10	1-7	4,1	1,0	1,8	17	1,83	88	66	480
2x16	1-7	5,2	1,0	1,8	18	1,15	115	90	640
2x25	7	6,4	1,2	2	22	0,727	150	120	1000
2x35	7-19	7,7	1,2	2	26	0,524	180	150	1390
2x50	19	9,2	1,4	2	29	0,387	210	180	1910
2x70	19	11	1,4	2,2	35	0,268	260	230	2640
2x95	19	12,7	1,6	2,2	39	0,193	315	275	3360
2x120	37	14,4	1,6	2,4	43	0,153	360	320	4100
2x150	37	16,1	1,8	2,6	48	0,124	400	375	5150
2x185	37	18,6	2,0	2,6	52	0,099	460	430	6240
2x240	61	20,5	2,2	3	59	0,075	530	510	8080

YVV(NYY) cont.



Rated Crosssection (mm²)	Number of Strands	Conductor Diameter (mm)	Insulation Thickness (mm)	Outer Sheath Thickness (mm)	Outer Diameter (mm)	Resistance at 20 °C (mΩ/m)	Rated Current		Weight approx. (kg/km)
							Ground	Air	
3x1.5	1	1,38	0,8	1,8	11,5	12,1	27	18	190
3x2.5	1	1,8	0,9	1,8	12,5	7,41	36	25	260
3x4	1	2,26	1,0	1,8	14,5	4,61	46	34	340
3x6	1	2,8	1,0	1,8	15,5	3,08	58	44	420
3x10	1-7	4,1	1,0	1,8	17	1,830	77	60	580
3x16	1-7	5,2	1,0	1,8	20	1,150	100	80	840
3x25	7	6,4	1,2	2	24,5	0,727	130	105	1330
3x35	7-19	7,7	1,2	2	27	0,524	155	130	1730
3x50	19	9,2	1,4	2	30,5	0,387	185	160	2300
3x70	19	11	1,4	2,2	36	0,268	230	200	3300
3x95	17	12,7	1,6	2,2	40,5	0,193	275	245	4200
3x120	37	14,4	1,6	2,2	43,5	0,153	315	285	5300
3x150	37	16,1	1,8	2,6	49,5	0,124	355	325	6500
3x185	37	18	2,0	2,6	54,5	0,0991	400	370	8000
3x240	61	20,5	2,2	3	61	0,0754	445	435	10100
3x16+10	7	5,2	1,0	2	22	1,15	100	80	973
3x25+16	7	6,4	1.2/1	2	25	0,727	130	105	1560
3x35+16	7-19	7,7	1.2/1	2	28	0,524	155	130	1910
3x50+25	19	9,2	1.4/1.2	2,2	32	0,387	185	160	2850
3x70+35	19	11	1.4/1.2	2,2	38	0,268	230	200	3690
3x95+50	19	12,7	1.6/1.4	2,2	44,5	0,193	375	245	4870
3x120+70	37	14,4	1.6/1.4	2,6	48	0,153	315	285	6060
3x150+70	37	16,1	1.8/1.4	2,8	52	0,124	355	325	7270
3x185+95	37	18	2.0/1.6	3	59	0,0991	400	370	9100
3x240+120	61-37	20,5	2.2/1.6	3,2	66	0,0754	460	435	11610
4x1.5	1	1,38	0,8	1,8	13	12,100	27	18	230
4x2.5	1	1,8	0,9	1,8	14	7,28	36	25	300
4x4	1	2,26	1,0	1,8	16	4,56	46	34	410
4x6	1	2,8	1,0	1,8	17	3,03	58	44	510
4x10	1-7	4,1	1,0	1,8	20	1,83	77	60	780
4x16	1-7	5,2	1,0	1,8	23	1,15	100	80	1100
4x25	7	6,4	1,2	2	27	0,727	130	105	1600
4x35	7-19	7,7	1,2	2,2	31	0,524	155	130	2200
4x50	19	9,2	1,4	2,2	36	0,387	185	160	3030
4x70	19	11	1,4	2,2	40	0,268	230	200	4210
4x95	19	12,7	1,6	2,2	44	0,193	275	254	5513
4x120	37	14,4	1,6	2,6	50	0,153	315	285	6764
4x150	37	16,1	1,8	2,6	54	0,124	355	325	8270
4x185	37	18	2,0	3	61	0,0991	400	370	10227
4x240	61	20,5	2,2	3	69	0,0754	455	435	13219

YVV(NYY) Control Cables



Application: Power cable, underground, in ducts, indoors and outdoors, in pure or salt water, for power stations industrial plants and switching stations.

Technical data: More than four 1.5 or 2.5mm² wires are twisted together. Conductors are insulated with PVC, twisted together and covered with inner and outer sheaths.

Max. conductor temperature: 70°C

Rated voltage: 0.6/1kV

Rated Crossection (mm ²)	Number of Strands	Conductor Diameter (mm)	Insulation Thickness (mm)	Outer Sheath Thickness (mm)	Outer Diameter (mm)	Resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
5x1.5	1	1,38	0,8	1,8	13	12,1	260
7x1.5	1	1,38	0,8	1,8	14	12,1	320
10x1.5	1	1,38	0,8	1,8	17	12,1	430
12x1.5	1	1,38	0,8	1,8	18	12,1	445
14x1.5	1	1,38	0,8	1,8	19	12,1	480
16x1.5	1	1,38	0,8	1,8	20	12,1	550
19x1.5	1	1,38	0,8	2	21	12,1	600
21x1.5	1	1,38	0,8	2	22	12,1	700
24x1.5	1	1,38	0,8	2	25	12,1	800
30x1.5	1	1,38	0,8	2	26	12,1	910
40x1.5	1	1,38	0,8	2	28	12,1	1300
5x2.5	1	1,8	0,9	1,8	16	7,28	360
7x2.5	1	1,8	0,9	1,8	16	7,28	440
10x2.5	1	1,8	0,9	2	21	7,28	550
12x2.5	1	1,8	0,9	2	22	7,28	600
14x2.5	1	1,8	0,9	2	22	7,28	675
16x2.5	1	1,8	0,9	2	22	7,28	750
19x2.5	1	1,8	0,9	2	23	7,28	850
21x2.5	1	1,8	0,9	2	24	7,28	910
24x2.5	1	1,8	0,9	2	27	7,28	1050
30x2.5	1	1,8	0,9	2	28	7,28	1270
40x2.5	1	1,8	0,9	2,2	33	7,28	1500

YVZ3V-R (NYFGby)



Application: Underground, indoor and outdoor installation, where better mechanical protection or higher is required resistance to higher tensile stress is required.

Technical data: There is an armour of galvanized flat steel wires between inner covering and outer sheath against mechanical stresses.

Max. conductor temperature: 70°C

Rated voltage: 0.6/1kV

Rated Crosssection (mm ²)	Number of Strands	Conductor Diameter (mm)	Insulation Thickness (mm)	Outer Sheath Thickness (mm)	Outer Diameter (mm)	Resistance at 20 °C (mΩ/m)	Rated Current		Weight approx. (kg/km)
							Ground	Air	
3x25+16	7	6,4	1,2	2	28	0,727	130	105	2200
3x35+16	7-19	7,7	1,2	2	31	0,524	155	130	2700
3x50+25	19	9,2	1,4	2,2	35	0,387	185	160	3680
3x70+35	19	11	1,4	2,2	41	0,268	230	200	4550
3x95+50	19	12,7	1,6	2,6	47,5	0,193	275	245	6000
3x120+70	37	14,4	1,6	2,6	51	0,153	315	285	7000
3x150+70	37	16,1	1,8	2,6	55	0,124	355	325	8500
3x185+95	37	18	2,0	3	62	0,0991	400	370	10050
3x240+120	61	20,5	2,2	3,4	69	0,0754	465	435	12850
4x10	1	3,6	1,0	1,8	21,5	1,83	77	60	1210
4x16	7	5,1	1,0	2	26	1,15	100	80	1700
4x25	7	6,4	1,2	2	30	0,727	130	105	2075
4x35	7-19	7,7	1,2	2	33	0,524	155	130	2400
4x50	19	9,2	1,4	2,2	38	0,387	185	160	3130

H05RR-f (NMH)



Note: Wires are tinned or untinned and diameters are 0.20

Application: In dry, damp and wet spaces, outdoors, on agricultural premises, for medium-stress portable tools such as grinders, drills, electrical ovens, lamps, where cables are exposed to severe stress due to bending and twisting.

Technical data: Fine stranded copper, rubber sheath.

Max. conductor temperature: 60°C

Rated Crossection (mm ²)	Number of Strands	Conductor Diameter (mm)	Insulation Thickness (mm)	Outer Sheath Thickness (mm)	Outer Diameter (mm)	Resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
2x0.75	24	1,2	0,6	0,8	7,5	26,7	82
2x1	32	1,4	0,6	0,8	7,7	20,0	91
2x1.5	48	1,7	0,6	1	8,4	13,7	114
2x2.5	80	2,3	0,7	1,2	10,5	8,21	173
2x4	127	2,7	0,8	1,2	12,3	5,09	255
3x0.75	24	1,2	0,6	0,8	8	26,7	99
3x1	32	1,4	0,6	1	8,4	20,0	115
3x1.5	48	1,7	0,6	1	9	13,7	136
3x2.5	80	2,3	0,7	1,2	11	8,2	210
3x4	127	2,7	0,8	1,2	13	5,09	300
4x0.75	24	1,2	0,6	1	8,6	26,7	117
4x1	32	1,4	0,6	1	9,2	20,0	140
4x1.5	48	1,7	0,6	1,2	10	13,7	172
4x2.5	80	2,3	0,7	1,2	12,5	8,21	266
4x4	127	2,7	0,8	1,2	14,5	5,09	380
4x6	190	3,3	0,8	1,6	16,5	3,39	511
4x10	318	4	1,0	1,6	19	1,95	755

H07RN-f (NSH-öu)



Note: There is a textile braiding between inner covering and outer sheath.

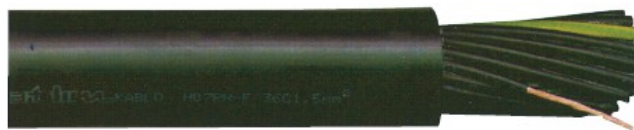
Application: In dry and damp locations, outdoors, mobile generators and motors, trains, agricultural tools etc, where mechanical stresses are high.

Technical data: Tinned or untinned fine stranded copper, rubber insulation and sheath with single or multi-core cables.

Max. conductor temperature: 60°C

Rated Crosssection (mm²)	Number of Strands	Conductor Diameter (mm)	Insulation Thickness (mm)	Inner Sheath Thickness (mm)	Outer Sheath Thickness (mm)	Outer Diameter (mm)	Resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
1x16	510	5,5	1,4	-	1,6	14	1,24	320
1x25	800	6,5	1,6	-	2	16	0.795	458
1x35	1120	8	1,6	-	2	17,5	0.565	582
1x50	1600	9	1,8	-	2	19	0.393	760
1x70	2240	11	2,0	-	2,2	22	0.277	1037
1x95	3040	13,5	2,0	-	2,2	25	0.210	1361
1x120	3840	16	2,4	-	2,5	29	0.164	1760
1x150	4800	18	2,4	-	2,5	31	0.132	2115
2x1.5	48	1,7	0,8	1,0	1,6	14	13,7	232
2x2.5	80	2,3	0,9	1,0	1,6	16	8,21	310
2x4	127	2,7	1,0	1,2	2	19	5,09	461
2x6	190	3,3	1,0	1,2	2	20	3,39	534
2x10	318	4	1,2	1,2	2,2	22	1,95	698
3x1.5	48	1,7	0,8	1,0	1,6	14,5	13,7	263
3x2.5	80	2,3	0,9	1,0	1,6	16,5	8,21	352
3x4	127	2,7	1,0	1,2	2	19,5	5,09	514
3x6	190	3,3	1,0	1,2	2	20,5	3,39	602
3x10	318	4	1,2	1,2	2	22,5	1,95	801
3x16	510	5	1,2	1,4	2,2	25	1,24	1078
3x16+10	510/318	5/4	1.2/1.2	1,4	2,2	25,5	1.24/1.95	1357
3x25+16	800/510	6.5/5	1.4/1.2	1,6	2,5	32,5	0.795	1922
3x35+16	1120/510	8/5	1.4/1.2	1,6	2,5	35	0.565	2350
3x50+25	1600/800	9/6.5	1.6/1.4	1,8	3	41	0.393	3291
3x70+35	2240/1120	11/8	1.6/1.4	2,0	3,5	47	0.277	4410
3x95+50	3040/1600	13.5/9	1.8/1.6	2,4	4	56	0.210	6145
3x120+70	3840/2240	16/11	1.8/1.6	2,4	4	61,5	0.164	7487
3x150+70	4800/2240	18/11	2/1.6	2,8	4,5	69,5	0.132	9385
4x1.5	48	1,7	0,8	1,0	1,6	15,5	13,7	305
4x2.5	80	2,3	0,9	1,0	1,6	17,5	8,21	410
4x4	127	2,7	1,0	1,2	2	20,5	5,09	649
4x6	190	3,3	1,0	1,2	2	22,5	3,39	747
4x10	318	4	1,2	1,2	2,2	25	1,95	1070
4x16	510	5	1,2	1,4	2,2	28	1,24	1410

H07RN-f (NSH-öu) cont.



Note: Wires are 0.20mm tinned or untinned, fine stranded. Insulated conductors twisted together with fillers.

Rated Crossection (mm ²)	Number of Strands	Conductor Diameter (mm)	Insulation Thickness (mm)	Inner Sheath Thickness (mm)	Outer Sheath Thickness (mm)	Outer Diameter (mm)	Resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
10x1.5	48	1,7	0,8	1,2	2	23	13,70	572
10x2.5	80	2,3	0,9	1,4	2,2	27	8,21	860
12x1.5	48	1,7	0,8	1,2	2	24	13,70	633
12x2.5	80	2,3	0,9	1,4	2,2	28,5	8,21	990
14x1.5	48	1,7	0,8	1,4	2,2	26	13,70	752
14x2.5	80	2,3	0,9	1,4	2,2	30	8,21	1105
16x1.5	48	1,7	0,8	1,4	2,2	26	13,70	795
16x2.5	80	2,3	0,9	1,4	2,5	30	8,21	1187
19x1.5	48	1,7	0,8	1,4	2,2	27,5	13,70	894
19x2.5	80	2,3	0,9	1,6	2,5	32,5	8,21	1392
21x1.5	48	1,7	0,8	1,4	2,2	29	13,70	972
21x2.5	80	2,3	0,9	1,6	2,5	34	8,21	1547
24x1.5	48	1,7	0,8	1,6	2,5	30	13,70	1104
24x2.5	80	2,3	0,9	1,8	3	37	8,21	1800
5x1.5	48	1,7	0,8	1,4	1,6	16,5	13,70	303
5x2.5	80	2,3	0,9	1,2	2	20	8,21	498
6x1.5	48	1,7	0,8	1,2	2	19,5	13,70	414
6x2.5	80	2,3	0,9	1,2	2	21,5	8,21	567
7x1.5	48	1,7	0,8	1,2	2	20	13,70	445
7x2.5	80	2,3	0,9	1,2	2	22,5	8,21	629
8x1.5	48	1,7	0,8	1,2	2	21,5	13,70	511
8x2.5	80	2,3	0,9	1,4	2,2	24,5	8,21	724

H01N2-d (NSLFF-öu) Welding Cables



Application: In dry,damp and wet locations, also outdoors for welding machines.

Technical data: 0.20mm stranded copper is wrapped with a seperator, which is covered with an oil and flame resistant rubber sheath.

Max. conductor temperature: 80°C

Rated voltage: 500V

Rated Crossection (mm ²)	Number of Strands	Conductor Diameter (mm)	PE Seperator (mm)	Outer Sheath Thickness (mm)	Outer Diameter (mm)	Resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
16	510	5,5	0,15	2	9,5	1,16	221
25	800	6,5	0,15	2	11	0.758	322
35	1120	8	0,15	2	12,5	0.536	428
50	1600	9	0,15	2	13,5	0.379	573
70	2240	11	0,15	2,2	16	0.268	793
95	3040	13,5	0,15	2,2	18,5	0.198	1047

H03RT-f (NSA)



Application: For applications such as light portable heating appliances, portable lamps or electric irons, where mechanical stresses are low.

Technical data: Finely stranded copper, insulated with rubber, twisted with textile fillers and covered with textile braiding.

Max. conductor temperature: 60°C

Rated voltage: 300V/300V

Rated Crossection (mm²)	Number of Strands	Conductor Diameter (mm)	Insulation Thickness (mm)	Core Diameter (mm)	Braided Outer Diameter (mm)	Resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
3x0.75	24	1,2	0,8	2,9	7,1	26,70	51
3x1	32	1,4	0,8	3,2	7,5	20,00	55
4x1	32	1,4	0,8	3,2	8,6	20,00	73

H05VV5-f (TTR) Control Cables



Note: Insulated wires are twisted together with fillers. Number-coded.

Rated Crossection (mm ²)	Number of Strands	Conductor Diameter (mm)	Insulation Thickness (mm)	Outer sheath Thickness (mm)	Outer Diameter (mm)	Resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
5x0.75	24	1,2	0,6	1	9	26	116
6x0.75	24	1,2	0,6	1	10	26	137
7x0.75	24	1,2	0,6	1	11	26	160
8x0.75	24	1,2	0,6	1	12	26	188
10x0.75	24	1,2	0,6	1,2	13,5	26	220
12x0.75	24	1,2	0,6	1,2	15	26	279
14x0.75	24	1,2	0,6	1,2	15,5	26	310
19x0.75	24	1,2	0,6	1,4	17	26	393
20x0.75	24	1,2	0,6	1,4	17	26	400
24x0.75	24	1,2	0,6	1,4	19	26	468
30x0.75	24	1,2	0,6	1,8	21	26	579
36x0.75	24	1,2	0,6	1,8	22	26	706
5x1	32	1,4	0,6	1	9,5	19,5	137
6x1	32	1,4	0,6	1	10,5	19,5	163
7x1	32	1,4	0,6	1	11,5	19,5	196
10x1	32	1,4	0,6	1,4	14,5	19,5	277
12x1	32	1,4	0,6	1,4	15	19,5	320
14x1	32	1,4	0,6	1,4	16,5	19,5	369
19x1	32	1,4	0,6	1,8	18	19,5	476
20x1	32	1,4	0,6	1,8	18	19,5	492
24x1	32	1,4	0,6	1,8	19,5	19,5	597
30x1	32	1,4	0,6	1,8	22	19,5	735

H05VV5-f (TTR) Control Cables cont.

Note: Insulated wires are twisted together with fillers. Number-coded.

Rated Crossection (mm²)	Number of Strands	Conductor Diameter (mm)	Insulation Thickness (mm)	Outer sheath Thickness (mm)	Outer Diameter (mm)	Resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
5x1.5	48	1,7	0,6	1,2	10,4	13,3	175
6x1.5	48	1,7	0,6	1,2	11,5	13,3	207
7x1.5	48	1,7	0,6	1,2	12	13,3	234
10x1.5	48	1,7	0,6	1,4	15,5	13,3	330
12x1.5	48	1,7	0,6	1,4	16	13,3	389
14x1.5	48	1,7	0,6	1,4	16,5	13,3	438
16x1.5	48	1,7	0,6	1,6	17,5	13,3	507
19x1.5	48	1,7	0,6	1,6	18,5	13,3	580
21x1.5	48	1,7	0,6	1,6	19,5	13,3	637
24x1.5	48	1,7	0,6	1,8	22,5	13,3	758
30x1.5	48	1,7	0,6	1,8	25	13,3	920
5x2.5	80	2,3	0,7	1,2	13	7,98	267
7x2.5	80	2,3	0,7	1,2	15	7,98	355
10x2.5	80	2,3	0,7	1,4	18,5	7,98	500
12x2.5	80	2,3	0,7	1,4	19,8	7,98	583
14x2.5	80	2,3	0,7	1,6	21	7,98	696
16x2.5	80	2,3	0,7	1,6	21,5	7,98	777
19x2.5	80	2,3	0,7	1,8	23,5	7,98	905
21x2.5	80	2,3	0,7	1,8	24,5	7,98	987
24x2.5	80	2,3	0,7	2	27,5	7,98	1155
30x2.5	80	2,3	0,7	2	29	7,98	1385
36x2.5	80	2,3	0,7	2	30,5	7,98	1619
40x2.5	80	2,3	0,7	2	31,5	7,98	1775

Water pump motor cables



Application: In connections for water pumps in wells with pure/salty water. Flexible. Medium mechanical stress.

Technical data: Conductor is insulated with PVC/A. Twisted insulated cores are covered with special rubber inner covering and PVC outer sheath.

Max. conductor temperature: 70°C

Rated voltage: 0.6/1kV

Note: Other crosssections can be produced on request.

Rated Crosssection (mm ²)	Number of Strands	Conductor Diameter (mm)	Insulation Thickness (mm)	Outer sheath Thickness (mm)	Outer Diameter (mm)	Resistance at 20 °C (mΩ/m)	Weight approx. (kg/km)
4x1.5	48	1,7	0,6	1,8	12,6	13,3	210
4x2.5	80	2,3	0,7	1,8	13,6	7,98	251
4x4	127	2,7	0,9	1,8	16,5	4.95	447
4x6	190	3,3	0,9	1,8	18	3.3	565
4x10	318	4	1,1	1,8	20	1.91	785
3x16+10	510/318	5/4	1.1/1.1	2	23,5	1.21	1080
3x25+16	800/510	6.5/5	1.3/1.1	2	27	0.780	1550
3x35+16	1120/510	8,5	1.3/1.1	2	29	0.554	1900

YSLY-j



Application: In dry and damp interiors, esp. industrial environmental conditions, but not outdoors.

Technical data: Resistant to oil and chemicals. Flexible. Finely stranded bare copper wire. PVC insulations are black and marked with white numbers & yellow/green. Outer sheath is grey and oil and flame resistant.

Max. conductor temperature: 70°C

Rated voltage: 300/500V

Rated Crossection (mm ²)	Outer Diameter (mm)	Weight approx. (kg/km)
2x0.5	4,8	35
3x0.5	5,1	42
4x0.5	5,7	54
5x0.5	6,2	63
7x0.5	6,7	81
12G0.5	8,9	131
14G0.5	9,5	153
18G0.5	10,5	188
21G0.5	11,7	221
25G0.5	12,4	261
30G0.5	13,3	304
35G0.5	14,5	356
40G0.5	15,4	400
52G0.5	17,3	517
61G0.5	18,5	603
65G0.5	19,6	644
80G0.5	21,1	780
100G0.5	23,6	975
2X0.75	5,4	45
3G0.75	5,7	55
3X0.75	5,7	55
4G0.75	6,2	66
4X0.75	6,2	66
5G0.75	6,7	79
5X0.75	6,7	79
7G0.75	7,3	101
7X0.75	7,3	101
9G0.75	9,4	137
10G0.75	9,6	150
12G0.75	9,9	171
12X0.75	9,9	171
15G0.75	10,9	209
16G0.75	11,1	220
18G0.75	11,7	244
21G0.75	13	286

Rated Crossection (mm ²)	Outer Diameter (mm)	Weight approx. (kg/km)
25G0.75	13,8	337
26G0.75	14,2	350
34G0.75	15,9	448
41G0.75	17,4	538
50G0.75	19,2	648
61G0.75	20,5	779
65G0.75	21,8	832
80G0.75	23,6	1019
100G0.75	26,4	1271
2X1	5,7	53
3G1	6	65
3X1	6	65
4G1	6,5	79
4X1	6,5	79
5G1	7,1	94
5X1	7,1	94
6G1	8	113
7G1	8	126
7X1	8	126
8G1	9,5	149
9G1	10	164
10G1	10,2	180
12G1	10,5	205
12X1	10,5	205
14G1	11,2	238
16G1	11,8	266
18G1	12,7	300
18X1	12,7	300
20G1	13,4	330
20X1	13,4	330
25G1	14,7	408
26G1	15,1	424
34G1	17,1	551
36G1	17,4	578

YSLY-j cont.

Rated Crossection (mm ²)	Outer Diameter (mm)	Weight approx. (kg/km)
40G1	18,4	638
41G1	18,8	661
50G1	20,6	797
56G1	21,4	888
61G1	22,1	958
65G1	23,6	1033
80G1	25,3	1251
100G1	28,3	1560
2X1.5	6,3	68
3G1.5	6,7	84
3X1.5	6,7	84
4G1.5	7,2	104
4X1.5	7,2	104
5G1.5	8,1	128
5X1.5	8,1	128
7G1.5	8,9	166
7X1.5	8,9	166
8G1.5	10,6	197
9G1.5	11,4	221
10G1.5	11,6	243
11G1.5	11,6	258
12G1.5	12	279
12X1.5	12	279
14G1.5	12,7	323
16G1.5	13,4	361
18G1.5	14,4	407
21G1.5	15,7	469
25G1.5	16,9	560
26G1.5	17,3	582
32G1.5	17,5	704
34G1.5	19,4	746
41G1.5	21,3	895
50G1.5	23,5	1089
61G1.5	25,2	1309

Rated Crossection (mm ²)	Outer Diameter (mm)	Weight approx. (kg/km)
65G1.5	26,7	1398
80G1.5	28,8	1708
2X2.5	7,5	101
3G2.5	8,1	132
4G2.5	8,9	163
5G2.5	10	200
7G2.5	11,1	267
12G2.5	14,8	445
14G2.5	15,8	515
18G2.5	17,8	648
25G2.5	20,8	890
34G2.5	24,4	1208
50G2.5	29,4	1754
3G4	9,9	201
4G4	10,8	249
5G4	12,1	305
7G4	13,4	407
11G4	17,6	634
3G6	11,7	289
4G6	13	365
5G6	14,5	447
7G6	16	600
3G10	14,6	466
4G10	16,2	590
5G10	18,1	722
7G10	20	968
4G16	18,8	1087
5G16	21,2	1370
7G16	23,4	1779
4G25	23,5	1582
5G25	26,4	1998
4G35	26,8	2106
5G35	30,1	2635

NYRY



Application: Underground, indoor and outdoor installation, where resistance to high tensile or mechanical stress is required.

Technical data: There is an armour of galvanized wires between inner covering and outer sheath against mechanical stress.

Max. conductor temperature: 70°C

Rated voltage: 0.6/1kV

Rated Crosssection (mm ²)	Conductor Diameter (mm)	Insulation Thickness (mm)	Outer sheath Thickness (mm)	Outer Diameter (mm)	Weight approx. (kg/km)
2x1.5	1,38	0,8	1,8	12,5	300
2x2.5	1,78	0,8	1,8	13,5	343
2x4	2,26	1	1,8	15,5	468
2x6	2,76	1	1,8	17,5	671
2x10	3,55	1	1,8	19	866
3x1.5	1,38	0,8	1,8	13	327
3x2.5	1,78	0,8	1,8	14	398
3x4	2,26	1	1,8	16,5	640
3x6	2,76	1	1,8	17,5	734
3x10	3,55	1	1,8	19,5	975
4x1.5	1,38	0,8	1,8	13,5	382
4x2.5	1,78	0,8	1,8	15	469
4x4	2,26	1	1,8	18	736
4x6	2,76	1	1,8	19	878
4x10	3,55	1	1,8	21,5	1150

Some of our special cables

Self-Supporting Aerial Cables



Copper Braided Control Cables



Marin Type Special Control Cables



PP Covered Special Cables



Liycy Cables



Copper Braided YSLY Type Control Cables



Torch Welding Cables



Flat Energy Cables



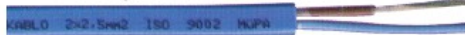
Special Rubber Insulated Water Pump Cables



Special Rubber Insulated Cables



Flat Type Marine Cables



YSLY Cables



Cable harnesses



We are able to produce a wide range of cable harnesses.



A few pictures from our factories in Istanbul and Manisa:





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