



1976

Product Catalogue

Energy flows through us

Flat submersible pump cable · NAYY · NYA / NYAF · TTR (H05VV-F / H07VV-F) · Submersible winding wire · MV winding wire (PP) · Copper earthing rod · Copper wire rod and stranded copper

About Us

Among the leading cable manufacturers in Türkiye

Cengiz Kablo was founded in Diyarbakır in 1976 as a small coil-winding workshop with 100% domestic capital. Today, as one of four companies in Türkiye that melt their own copper, we produce 150 tonnes of copper cable and 200 tonnes of aluminium cable every month.

We manufacture at our plant in the Diyarbakır Organised Industrial Zone, built on a 25,000 m² site with 10,000 m² of covered space, and we continue to grow with our second plant investment in the Karacadağ Organised Industrial Zone.

As a sign of the importance we place on quality, people and the environment, we hold the TS EN ISO 9001:2015 Quality Management System, TSE conformity, TEDAŞ conformity, TSE-HYB Service Qualification and CE certificates.

1976

founded · 100%
domestic capital

**150
tonnes /
month**

copper cable ·
plus 200 tonnes of
aluminium cable
per month

**25,000
m²**

plant area, 10,000
m² covered

Our vision

To be a respected and reliable brand that leads the industry, sets the standard in service and is the customer's first choice.

Our mission

To deliver the best products and service by using our resources efficiently, with respect for society and the environment, openness to innovation and progress, and quality always at the forefront.



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From raw material to cable

From copper cathode to cable on the drum, under one roof



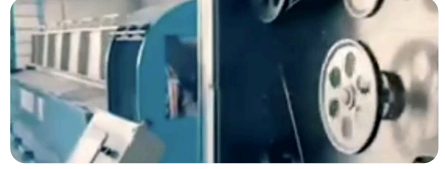
01 Raw material

99.99% pure copper cathodes arrive at the plant by truck and are moved by forklift to the melting furnace.



02 Melting and casting

Copper is melted at approximately 1600 °C in our own melting facility; in the adjacent casting section it is drawn into Ø8 mm wire rod and wound into coils.



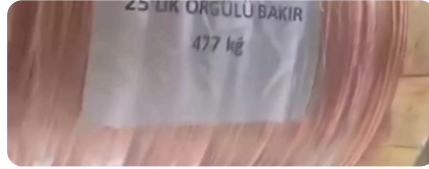
03 Wire drawing

The 8 mm wire rod is drawn to the required diameter on our new copper wire drawing machine and collected in baskets.



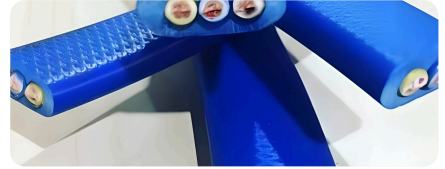
04 Fine drawing and annealing

Wire from 8 baskets is drawn together down to 0.24 – 0.40 mm fine wire and softened by annealing.



05 Stranding

Fine wire from 10 spools is combined on the stranding machine into a flexible, multi-wire copper conductor; each spool is weighed and labelled.



06 Insulation

The conductor is coated with PVC on the extrusion line to form the coloured cores.



07 Outer sheath and drum

The cores are laid side by side, the outer sheath and marking are applied, and the cable is wound onto drums.



08 Laboratory

Samples are tested for conductivity and insulation resistance; approved drums are labelled.



09 Shipment

Drums are loaded onto trucks by forklift, secured and dispatched to the customer.

Aluminium cable line: Aluminium wire rod is drawn down on the wire drawing line → stranding → insulation → 3–4 cores are laid up on a large stranding machine → filler and outer sheath → marking and labelling.

Cengiz Kablo in the press · July 2024

“Cengiz Kablo to Enter Value-Added Markets”

4th company in Türkiye to melt its own copper at 1600 °C · One of the first three companies in Türkiye to produce waterproof submersible pump cable · Monthly output of 200 tonnes of aluminium and 150 tonnes of copper cable



Our certificates

Current certificates



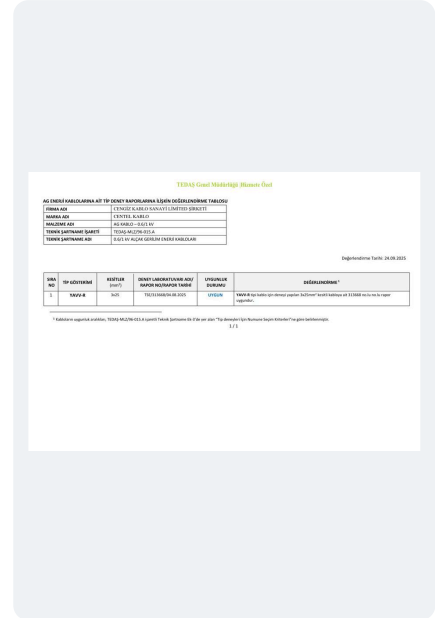
TSE Certificate of Conformity

Certificate no. 0450939-TSE-01/01 · TS IEC 60502-1 · 0,6/1 kV PVC-insulated power cables with aluminium conductors · valid until 09.09.2027



TS EN ISO 9001:2015

Quality Management System · cable and winding wire manufacturing · valid until 13.03.2027



TEDAŞ Conformity

TEDAŞ-MLZ/96-015.A · 0,6/1 kV low voltage power cables · type test report approved

Our Test Laboratory

Samples of the product in the work order are analysed: the conductor, core insulation, filler and outer sheath are weighed separately and compared against target values.

Spark test

Insulation check for pinholes and defects

Tensile strength and elongation test

Mechanical strength of conductor and insulation

Ageing test

Strength after thermal ageing in an oven

Diameter gauge

Conductor and outer diameter check

Copper resistance meter

Conductor resistance and conductivity

Cold impact test

Impact resistance at low temperature

Cold bend test

Flexibility at low temperature

Insulation resistance

Electrical insulation check

Concentricity gauge

Insulation thickness and centring

NAYY (YAVV) 0,6/1 kV

Aluminium conductor underground power cable

Underground power cable (YAVV) with aluminium conductors, PVC insulation and PVC outer sheath. Suitable for power distribution, transformer connections and infrastructure projects, including public-sector and distribution company projects.

Brand	Centel Kablo
Standard	TS IEC 60502-1 · TSE certified
Rated voltage	0,6/1 kV
Conductor	Aluminium, stranded round (class 2)
Insulation	PVC
Outer sheath	PVC
Max. operating temperature	70 °C
Compliance	Compliant with TEDAŞ-MLZ/96-015.A



Applications

Used underground, in cable ducts, in concrete and outdoors; in power distribution networks, transformer connections, industrial facilities and infrastructure projects.

Cross-section	Number of wires / diameter	Insulation thickness	Outer sheath thickness	Outer diameter (approx.)	Weight (approx.)	Conductor DC resistance (max. at 20 °C)
mm ²	pcs / mm	mm	mm	mm	kg/km	Ω/km
1 x 10	7 / 1,23	1	1,4	8,7	–	3,08
1 x 16	7 / 1,37	1	1,4	9,7	131	1,91
1 x 25	7 / 1,95	1,2	1,4	11,1	172	1,20
1 x 35	7 / 2,40	1,2	1,4	12,1	214	0,868
1 x 50	7 / 2,65	1,4	1,4	13,7	270	0,641
1 x 70	19 / 2,00	1,4	1,4	15,5	345	0,443
1 x 95	19 / 2,35	1,6	1,5	17,6	472	0,320
1 x 120	19 / 2,65	1,6	1,6	19,2	562	0,253
1 x 150	19 / 2,80	1,8	1,6	21,2	676	0,206
1 x 185	19 / 3,10	2	1,7	23,5	839	0,164
1 x 240	19 / 3,47	2,2	1,8	26,4	1076	0,125

NAYY (YAVV) 0,6/1 kV

Technical Table

Cross-section	Number of wires / diameter	Insulation thickness	Outer sheath thickness	Outer diameter (approx.)	Weight (approx.)	Conductor DC resistance (max. at 20 °C)
mm ²	pcs / mm	mm	mm	mm	kg/km	Ω/km
2 x 10	7 / 1,23	1	1,8	16,2	346	3,08
2 x 16	7 / 1,37	1	1,8	18,2	452	1,91
2 x 25	7 / 1,95	1,2	1,8	21	600	1,20
2 x 35	7 / 2,40	1,2	1,8	23,2	764	0,868
2 x 50	7 / 2,65	1,4	1,8	26,4	971	0,641
2 x 70	19 / 2,00	1,4	1,9	29,8	–	0,443
2 x 95	19 / 2,35	1,6	2,1	34,3	–	0,320
2 x 120	19 / 2,65	1,6	2,2	37,3	–	0,253
2 x 150	19 / 2,80	1,8	2,3	41,4	–	0,206
2 x 185	19 / 3,10	2	2,5	46,5	–	0,164
2 x 240	19 / 3,47	2,2	2,6	52,1	–	0,125
3 x 10	7 / 1,23	1	1,8	17,1	393	3,08
3 x 16	7 / 1,37	1	1,8	19,3	513	1,91
3 x 25	7 / 1,95	1,2	1,8	22,3	696	1,20
3 x 35	7 / 2,40	1,2	1,8	24,7	885	0,868
3 x 50	7 / 2,65	1,4	1,9	28,3	1142	0,641
3 x 70	19 / 2,00	1,4	2	32	1485	0,443
3 x 95	19 / 2,35	1,6	2,1	36,8	2056	0,320
3 x 120	19 / 2,65	1,6	2,2	40,1	2437	0,253
3 x 150	19 / 2,80	1,8	2,4	44,5	2991	0,206
3 x 185	19 / 3,10	2	2,6	50	3732	0,164
3 x 240	19 / 3,47	2,2	2,8	56	4808	0,125
4 x 10	7 / 1,23	1	1,8	18,7	475	3,08
4 x 16	7 / 1,37	1	1,8	21,1	681	1,91
4 x 25	7 / 1,95	1,2	1,8	24,5	846	1,20
4 x 35	7 / 2,40	1,2	1,8	27,2	1290	0,868
4 x 50	7 / 2,65	1,4	2	31,3	1446	0,641
4 x 70	19 / 2,00	1,4	2,1	35,3	2017	0,443
4 x 95	19 / 2,35	1,6	2,3	40,9	2381	0,320
4 x 120	19 / 2,65	1,6	2,4	44,5	3040	0,253
4 x 150	19 / 2,80	1,8	2,6	49,9	3752	0,206
4 x 185	19 / 3,10	2	2,8	55,6	4677	0,164
4 x 240	19 / 3,47	2,2	3	62,3	6035	0,125
3 x 16+10	7 / 1,37	1	1,8	20,5	583	1,91
3 x 25+16	7 / 1,95	1,2	1,8	23,6	796	1,20
3 x 35+16	7 / 2,40	1,2	1,8	26,5	958	0,868
3 x 50+25	7 / 2,65	1,4	1,9	30,3	1260	0,641
3 x 70+35	19 / 2,00	1,4	2,1	34,4	1635	0,443
3 x 95+50	19 / 2,35	1,6	2,2	39,6	2243	0,320
3 x 120+70	19 / 2,65	1,6	2,4	43,6	2707	0,253
3 x 150+70	19 / 2,80	1,8	2,5	48,6	3222	0,206
3 x 185+95	19 / 3,10	2	2,7	54,2	4092	0,164
3 x 240+120	19 / 3,47	2,2	2,9	60,6	5139	0,125

Dimensions are taken from our factory production (work order) table, and weights are approximate values taken from the production recipe. Conductor resistance is the maximum value for an IEC 60228 class 2 aluminium conductor. Contact us for custom cross-section and colour requests.

Flat Submersible Pump Cable

H07VVH6-F · 3x1,5 – 3x35 mm² · 450/750 V

Construction	Fine-stranded copper conductor, PVC insulation, water-resistant PVC outer sheath
Code	H07VVH6-F
Max. operating temperature	70 °C
Max. short-circuit temperature	160 °C (max. 5 s)
Rated voltage	450/750 V
Conductor	99.99% pure copper
Colour	Blue / black

Applications

Used in deep well submersible pumps, conveyor systems, lifting equipment, lifts and machinery subject to bending.



Cross-section	Outer dimension	Net weight	Delivery length	Conductor DC resistance (max. at 20 °C)	Current carrying capacity
mm ²	mm	kg/km	m	Ω/km	A
3 x 1,5	12,2 x 5	120	1000	12,1	15
3 x 2,5	15 x 6,4	185	1000	7,41	20
3 x 4	16 x 6,6	250	1000	4,61	26
3 x 6	18 x 7	295	1000	3,08	34
3 x 10	22 x 9	590	1000	1,91	46
3 x 16	25,2 x 10,4	790	1000	1,21	61
3 x 25	31 x 12,2	1200	1000	0,78	80
3 x 35	36 x 14	1475	1000	0,554	99

Values are taken from the Cengiz Kablo product catalogue.

NYA / NYAF

Copper conductor PVC insulated building wire

Code	H05V-U, H07V-U, H07V-R · H05V-K, H07V-K
Max. operating temperature	70 °C
Max. short-circuit temperature	160 °C (max. 5 s)
Rated voltage	300/500 V – 450/750 V
Packaging	100 m coil

Used indoors in dry locations, in conduit under or on plaster, and for equipment connections.



NYA

Cross-section	Outer diameter	Net weight	Delivery length	Conductor DC resistance (max. at 20 °C)	Current – in conduit	Current – in air
mm ²	mm	kg/km	m	Ω/km	A	A
1,5	2,95	19,5	100	12,1	15	24
2,5	3,60	30,5	100	7,41	20	32
4	3,95	45,5	100	4,61	26	42
6	4,45	64	100	3,08	34	54

NYAF

Cross-section	Outer diameter	Net weight	Delivery length	Conductor DC resistance (max. at 20 °C)	Current – in conduit	Current – in air
mm ²	mm	kg/km	m	Ω/km	A	A
0,75	2,30	11	100	26	6	15
1	2,50	14	100	19,5	10	19
1,5	2,90	19	100	13,3	15	24
2,5	3,60	31	100	7,98	20	32
4	4,10	46	100	4,95	26	42
6	4,40	61	100	3,3	34	54
10	5,70	105	100	1,91	46	73
16	7,10	170	100	1,21	61	98
25	7,90	250	100	0,78	80	129
35	9,90	370	100	0,554	99	158

Centel TTR – H05VV-F / H07VV-F

Round flexible cable · 0,75 – 16 mm²

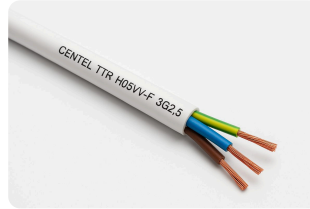
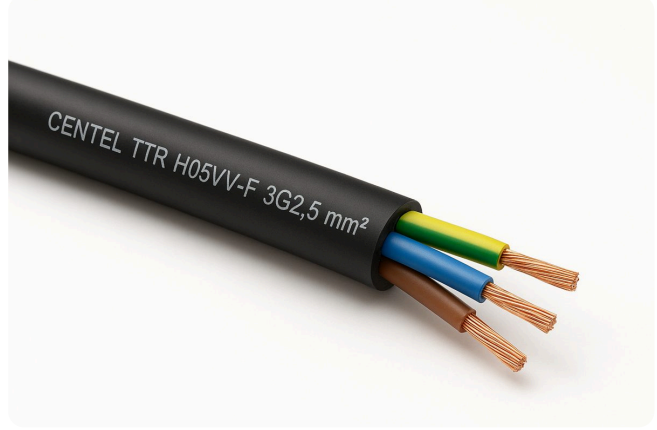
Centel-brand round flexible cable (TTR) with copper conductors, PVC insulation and PVC sheath. Sizes 0.75 – 4 mm² are made as H05VV-F 300/500 V (TS EN 50525-2-11); sizes 6 – 16 mm² are made as H07VV-F 450/750 V in a manufacturer design with PVC filler between the cores.

Brand	Centel
Code	H05VV-F · H07VV-F
Rated voltage	H05VV-F 300/500 V · H07VV-F 450/750 V
Conductor	Copper, finely stranded flexible (class 5)
Insulation	PVC (TI2)
Outer sheath	PVC (TM2) · black or white
Cross-sections	H05VV-F 2x · 3G · 4G · 5G 0,75 – 4 mm ² · H07VV-F 3G 6 – 16 mm ²
Packaging	100 m coil or 1000 m drum

Core colours

2x	brown / blue
3G	green-yellow / blue / brown
4G	green-yellow / brown / black / grey
5G	green-yellow / blue / brown / black / grey

TS HD 308 S2 · 2X/3X/4X/5X without green/yellow on request. Outer sheath black or white.



Applications

For connecting household appliances, kitchen and office equipment, hand tools, pumps and light machinery in dry and damp indoor areas with light to medium mechanical stress.

Centel TTR – H05VV-F / H07VV-F

Technical Table

Type	U ₀ /U	Number of wires / diameter	Insulation thickness	Outer sheath thickness	Outer diameter (approx.)	Weight (approx.)	Conductor DC resistance (max. at 20 °C)	Core colours
	V	pcs x mm	mm	mm	mm	kg/km	Ω/km	TS HD 308 S2
H05VV-F 2x0,75	300/500	16 x 0,24	0,6	0,8	6,2	51	26,00	brown / blue
H05VV-F 2x1	300/500	21 x 0,24	0,6	0,8	6,5	59	19,50	brown / blue
H05VV-F 2x1,5	300/500	31 x 0,24	0,7	0,8	7,5	80	13,30	brown / blue
H05VV-F 2x2,5	300/500	51 x 0,24	0,8	1,0	9,1	122	7,98	brown / blue
H05VV-F 2x4	300/500	61 x 0,28	0,8	1,1	10,4	170	4,95	brown / blue
H05VV-F 3G0,75	300/500	16 x 0,24	0,6	0,8	6,6	62	26,00	green-yellow / blue / brown
H05VV-F 3G1	300/500	21 x 0,24	0,6	0,8	6,9	72	19,50	green-yellow / blue / brown
H05VV-F 3G1,5	300/500	31 x 0,24	0,7	0,9	8,1	101	13,30	green-yellow / blue / brown
H05VV-F 3G2,5	300/500	51 x 0,24	0,8	1,1	9,9	155	7,98	green-yellow / blue / brown
H05VV-F 3G4	300/500	61 x 0,28	0,8	1,2	11,3	217	4,95	green-yellow / blue / brown
H05VV-F 4G0,75	300/500	16 x 0,24	0,6	0,8	7,2	76	26,00	green-yellow / brown / black / grey
H05VV-F 4G1	300/500	21 x 0,24	0,6	0,9	7,8	92	19,50	green-yellow / brown / black / grey
H05VV-F 4G1,5	300/500	31 x 0,24	0,7	1,0	9,1	129	13,30	green-yellow / brown / black / grey
H05VV-F 4G2,5	300/500	51 x 0,24	0,8	1,1	10,8	192	7,98	green-yellow / brown / black / grey
H05VV-F 4G4	300/500	61 x 0,28	0,8	1,2	12,3	271	4,95	green-yellow / brown / black / grey
H05VV-F 5G0,75	300/500	16 x 0,24	0,6	0,9	8,0	95	26,00	green-yellow / blue / brown / black / grey
H05VV-F 5G1	300/500	21 x 0,24	0,6	0,9	8,5	111	19,50	green-yellow / blue / brown / black / grey
H05VV-F 5G1,5	300/500	31 x 0,24	0,7	1,1	10,1	160	13,30	green-yellow / blue / brown / black / grey
H05VV-F 5G2,5	300/500	51 x 0,24	0,8	1,2	12,0	238	7,98	green-yellow / blue / brown / black / grey
H05VV-F 5G4	300/500	61 x 0,28	0,8	1,4	13,9	343	4,95	green-yellow / blue / brown / black / grey
H07VV-F 3G6	450/750	91 x 0,28	0,8	1,4	12,9	307	3,30	green-yellow / blue / brown
H07VV-F 3G10	450/750	113 x 0,33	1,0	1,5	16,0	496	1,91	green-yellow / blue / brown
H07VV-F 3G16	450/750	177 x 0,33	1,0	1,5	18,2	698	1,21	green-yellow / blue / brown

Dimensions and weights are approximate and subject to manufacturing tolerances. Conductor resistance is the IEC 60228 class 5 maximum value. Contact us for other cross-sections and numbers of cores. 2X/3X/4X/5X without green/yellow on request.

Submersible Winding Wire

Winding wire for water-filled submersible motors

Water-resistant winding wire insulated with special plastic, designed for winding wet-type submersible motors. Suited to demanding operating conditions, it delivers high performance at high temperatures and is easy to wind.



Type	Insulation	Max. temperature resistance
Single-insulated	MPP	90 °C
Double-insulated (VIKAP)	Polyesterimide + SMPP	70 °C
Double-layer (PE2+PA)	PE2 + MPP	120 °C
Heat-resistant (thermal) insulated	HPP	120 °C
White-insulated	White-insulated	90 °C

Testing Tested at 25,000 volts

Quality Smooth surface, soft and easy to wind, high resistance to impact

Sales Metres or kilograms



Submersible Winding Wire

Copper diameter and outer diameter table (HT 120 / HT 100)

Bare copper diameter	Outer diameter – single-insulated, PE2+PA, thermal, white	Outer diameter – thin insulation (VIKAP)
<i>mm</i>	<i>mm</i>	<i>mm</i>
0,80	1,50	1,20
0,90	1,60	1,40
1,00	1,70	1,50
1,10	1,80	1,60
1,20	1,90	1,70
1,30	2,10	1,80
1,40	2,20	1,90
1,50	2,30	2,00
1,60	2,40	2,10
1,70	2,50	2,25
1,80	2,60	2,35
1,90	2,70	2,45
2,00	2,90	2,60
2,10	3,10	2,70
2,20	3,20	2,80
2,30	3,30	2,90
2,40	3,40	3,10

Bare copper diameter	Outer diameter – single-insulated, PE2+PA, thermal, white	Outer diameter – thin insulation (VIKAP)
<i>mm</i>	<i>mm</i>	<i>mm</i>
2,50	3,50	3,20
2,60	3,60	3,30
2,70	3,70	3,40
2,80	3,80	3,50
2,90	3,90	3,60
3,00	4,00	3,70
3,10	4,20	3,80
3,20	4,30	3,90
3,30	4,40	4,00
3,40	4,60	4,10
3,50	4,70	4,20
3,60	4,80	4,30
3,70	4,90	4,40
3,80	5,00	4,50
3,90	5,10	4,60
4,00	5,20	4,70

Values are taken from the Cengiz Kablo product catalogue.

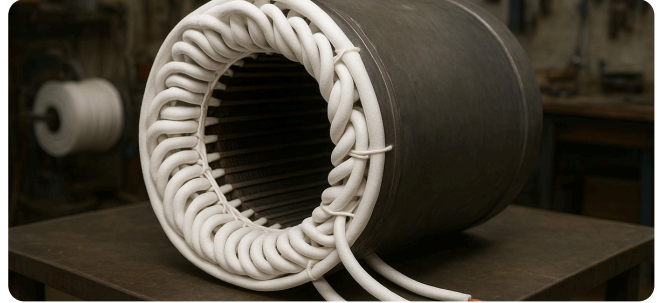
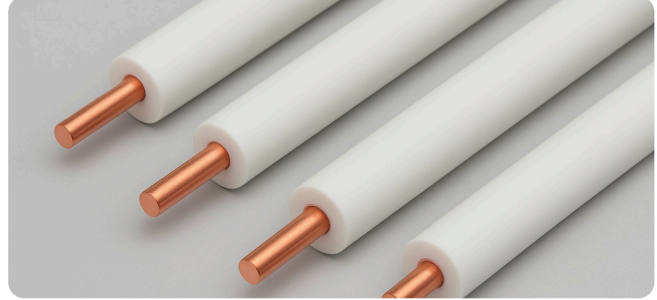
Medium Voltage Winding Wire for Submersible Motors

PP insulated · alternative to PE2/PA and HL/PE2/PA · 10 kV

A special winding wire with a solid copper conductor and thick polypropylene (PP) insulation for rewindable water-filled submersible motors and wet stator pump motors. It is used instead of PE2/PA and HL/PE2/PA type winding wires. It is drawn from 99.99% pure copper that we produce ourselves, the PP insulation is applied in 4 extrusion layers, and every reel passes a high voltage spark test.

In a power plant every hour counts

In thermal and other power plants, when the motor of a circulating or cooling water pump stops, the unit may have to reduce load or even shut down; even a one-hour delay means serious production and financial losses. That is why we **produce and ship the wire within 2 working days** – no need to wait weeks for wire from abroad.



Technical data (reference product)

Conductor	Solid copper, 99.99% purity · up to Ø3.8 mm
Reference size	Copper Ø3.6 mm · outer diameter ≈ 7.4 mm (insulation ≈ 1.9 mm)
Insulation	Polypropylene (PP), 4 extrusion layers · opaque white
Equivalent types	PE2/PA · HL/PE2/PA · VPE/PA
Operating voltage	Motor windings up to 10 kV
Operating temperature	Up to 80 °C (in water)
Test	Every reel passes a 20 kV spark test
Sold by	Metre

Alternative to PE2/PA and HL/PE2/PA types

No semiconducting layer required: the conductor is solid, smooth and perfectly round copper, without the grooves of a stranded conductor. The PP insulation is extruded onto the copper in 4 layers without voids, and the thick ≈1.9 mm wall keeps the electric field low. Every reel passes a 20 kV spark test, and the wire is field-proven at 10 kV in power plant motors. Without a semiconducting layer, stripping and termination are easy.

Made to your specification

Copper diameter, insulation thickness and outer diameter can be made to the customer's requirements. Send us your motor's winding data (voltage, power, wire diameter, outer diameter) and we will design it for you.

Applications

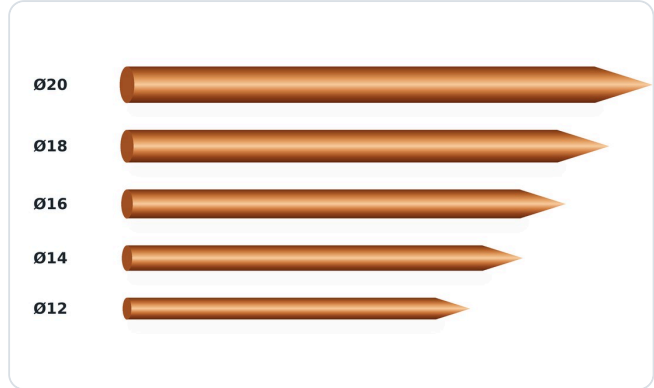
Thermal and other power plants · Geothermal and hot water sources · Mine dewatering · Deep wells and water supply · Motor rewinding workshops

Copper Earthing Rod

Solid copper · Ø12 – Ø20 mm · 1 – 2 m · from stock

Solid copper earthing rod for earthing in electrical installations, transformer substations, lightning protection and industrial plants. High conductivity, corrosion resistant and long-lasting.

Material	Solid copper
Diameters	Ø20 · Ø18 · Ø16 · Ø14 · Ø12 mm
Lengths	2 m · 1,75 m · 1,50 m · 1 m
Standard	Compliant with TSE standards
Sales	Piece



All sizes are always in stock.

All sizes from stock, immediate delivery

Applications

Earthing in residential and industrial electrical installations, transformer and distribution substations, lightning protection systems, solar power plants and base stations.

Length and weight (per piece)

Diameter	Weight per metre	2 m	1,75 m	1,50 m	1 m
mm	kg/m	kg	kg	kg	kg
Ø20	2,815	5,63	4,93	4,22	2,81
Ø18	2,280	4,56	3,99	3,42	2,28
Ø16	1,802	3,60	3,15	2,70	1,80
Ø14	1,379	2,76	2,41	2,07	1,38
Ø12	1,013	2,03	1,77	1,52	1,01

Weights are theoretical values calculated with the density of solid copper (8.96 g/cm³); small differences may occur due to production tolerances. Contact us for other diameters and lengths.

Copper Wire Rod and Stranded Copper

Oxygen-free 8 mm copper wire rod, overhead line conductor

Oxygen-free copper wire rod

Wire rod nominal diameter	8,00 mm
Diameter tolerance	± 0,38 mm
Oxygen content	Max. 3 ppm
Conductivity	Min. 58.58 m/(Ω·mm ²) (≥101% IACS)
Elongation	Min. 35%
Coil weight	Max. 3,500 kg
Packaging	Wooden/steel pallet, plastic strapping, stretch film



Stranded copper conductor for overhead lines

Nominal cross-section	Number of wires / diameter	Outer diameter (approx.)	Net weight (approx.)	Conductor DC resistance (max. at 20 °C)	Calculated min. breaking load
mm ²	pcs / mm	mm	kg/km	Ω/km	kN
16	7 / 1,70	5,10	142,4	1,154	6,50
25	7 / 2,12	6,36	221,4	0,742	9,99
35	7 / 2,50	7,50	308,0	0,534	13,91
50	7 / 3,00	9,00	443,5	0,369	19,57

Galvanised Binding Wire

Galvanised binding wire: PVC-coated galvanised wire used in drilling operations to secure the power cable to the water pipe at approximately 10 cm intervals. Resistant to breaking and cracking. 20 – 25 kg coil

Cable Selection Chart

Direct-on-line (DOL) start · Max. length (m)

The cable cross-section is selected according to the motor power and the cable length. If the cross-section is too small, voltage drops, the motor overheats and its service life is shortened; if it is larger than necessary, the cost increases.

380V · Direct-on-line (DOL) start

kW / HP	3 x 2,5	3 x 4	3 x 6	3 x 10	3 x 16	3 x 25	3 x 35	3 x 50	3 x 70	3 x 95	3 x 120	3 x 150
2,2 / 3	190	300	460									
3 / 4	150	240	360									
4 / 5,5	110	170	260	450								
5,5 / 7,5	80	130	190	340	540							
7,5 / 10	60	100	150	250	410							
9,2 / 12,5	50	80	120	205	330	510						
11 / 15		60	100	170	280	440						
13 / 17,5			90	150	245	385						
15 / 20			80	130	210	330	460	660				
18,5 / 25				100	170	260	370	530				
22 / 30				90	140	220	310	440				
26 / 35					120	190	270	380	540			
30 / 40					100	170	230	330	460			
37 / 50						130	190	270	380	520		
45 / 60						110	160	230	320	440	550	
52 / 70							140	200	280	385	480	
55 / 75							120	170	240	330	410	530
59 / 80							115	160	230	310	390	500
66 / 90							110	150	220	290	370	470
75 / 100							96	140	190	270	330	425
81 / 110								125	175	245	300	380
92 / 125								110	160	220	275	340
110 / 150									130	180	220	290
132 / 180										150	190	240
150 / 200										130	170	220
165 / 225										125	150	190
185 / 250												170
200 / 275												160

Cable Selection Chart

220V · Direct-on-line (DOL) start · Max. length (m)

kW / HP	3 x 1,5	3 x 2,5	3 x 4	3 x 6	3 x 10	3 x 16
0,37 / 0,5	80	130				
0,55 / 0,75	55	90	140			
0,75 / 1	40	80	105	160		
1,1 / 1,5	30	50	75	115	190	
1,5 / 2	20	35	60	90	145	235
2,2 / 3		30	50	70	120	185

The values are approximate figures taken from our factory's cable selection chart; for the final cross-section selection, please consult us with the motor nameplate and well data.

Cable Selection Chart

Star-delta start · 380V · Max. length (m)

kW / HP	3 x 1,5	3 x 2,5	3 x 4	3 x 6	3 x 10	3 x 16	3 x 25	3 x 35	3 x 50	3 x 70	3 x 95	3 x 120	3 x 150
3 / 4	140	230	370										
4 / 5,5	100	170	270	400									
5,5 / 7,5	70	120	200	300	500								
7,5 / 10	57	90	150	220	380								
9,2 / 12,5	46	70	120	180	310	490							
11 / 15	39	60	100	150	260	400							
13 / 17,5		55	90	130	230	355							
15 / 20		50	80	110	200	310	490						
18,5 / 25			60	90	160	250	400	560					
22 / 30			50	70	130	210	340	470					
26 / 35			46	68	110	180	290	410					
30 / 40				60	100	160	250	360	500				
37 / 50				40	80	130	200	290	410				
45 / 60					70	110	170	240	350	480			
52 / 70						95	150	210	305	420			
55 / 75						80	130	180	260	360	500		
59 / 80							120	170	245	340	475		
66 / 90							110	160	230	320	450	520	
75 / 100							100	150	200	290	380	440	540
81 / 110								135	185	260	340	405	495
92 / 125								120	170	230	300	370	450
110 / 150								100	140	200	250	300	370
132 / 180									120	165	210	260	310
150 / 200										150	190	230	280
165 / 225										130	170	200	240
185 / 250										125	160	190	230
200 / 275											140	170	200
220 / 300											120		

With star-delta start, the motor is connected with 6 leads; generally 2 three-core cables are used. The values are approximate figures taken from our factory's cable selection chart; for the final cross-section selection, please consult us with the motor nameplate and well data.

Import & Export – Transit trade products

Supply of copper, aluminium and plastic raw materials

In addition to our own production, we supply copper and aluminium products as well as XLPE and PVC cable compounds to customers worldwide through our international supply network. Products are shipped directly to the country you specify.

Global supply

Reliable trade

Premium
quality

Fast & safe
delivery

Product groups

Copper	Copper Billet · Copper Bar · Copper Wire Rod · Copper Wire 1.80–3.00 mm · Copper Stranded Wire
Aluminium	Aluminium Wire Rod (small coil) · Aluminium Wire Rod (large coil) · Aluminium Wire 1.80–3.00 mm · Aluminium Stranded Wire · Aluminium ABC Cable
Plastic compounds	XLPE Compound (Black) · PVC Compound (Black) · PVC Compound (Natural)



How it works

Request – Send us the product, quantity and delivery point.

Proforma – We send you a proforma invoice with price, payment and delivery terms based on current LME prices and exchange rates.

Payment – Advance payment under the terms stated in the proforma.

Shipment – The goods are shipped to the delivery point together with the shipping documents.

For proformas and information

WhatsApp +90 850 305 98 13 · info@cengizcable.com.tr

Import & Export – Transit trade products

Products and price list

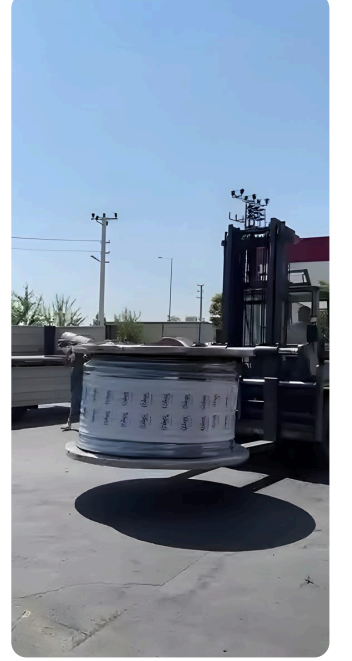
Product	Description	Price	Payment / delivery
Copper			
Copper Billet	High conductivity, top-quality copper.	LME – 100 USD/t	Advance payment · delivery 30 days
Copper Bar	Round copper bar, various diameters.	LME – 300 USD/t	Advance payment · delivery 30 days
Copper Wire Rod	High-purity copper wire rod.	14,00 USD/kg	Advance payment · delivery 30 days
Copper Wire 1.80–3.00 mm	Soft annealed copper wire, various diameters.	14,00 USD/kg	Advance payment · delivery 30 days
Copper Stranded Wire	Stranded copper wire, flexible and highly conductive.	14,50 USD/kg	Advance payment · delivery 30 days
Aluminium			
Aluminium Wire Rod (small coil)	Aluminium wire rod, small coil.	3,60 USD/kg	Advance payment · delivery 30 days
Aluminium Wire Rod (large coil)	Aluminium wire rod, large coil.	3,80 USD/kg	Advance payment · delivery 30 days
Aluminium Wire 1.80–3.00 mm	Aluminium wire, small coil.	3,85 USD/kg	Advance payment · delivery 30 days
Aluminium Stranded Wire	Stranded aluminium wire, flexible and durable.	4,10 USD/kg	Advance payment · delivery 30 days
Aluminium ABC Cable	Aluminium ABC cable for overhead lines.	0,40 USD/m	Advance payment · delivery 30 days
Plastic compounds			
XLPE Compound (Black)	XLPE compound for cable insulation.	1,80 USD/kg	Advance payment · delivery 30 days
PVC Compound (Black)	PVC compound for cable sheathing and insulation.	1,20 USD/kg	Advance payment · delivery 30 days
PVC Compound (Natural)	PVC compound for cable sheathing and insulation.	1,20 USD/kg	Advance payment · delivery 30 days

Prices are indicative and may change with LME, exchange rates and freight. Request a proforma for the exact price, quantity, delivery point and payment terms. Last updated: 10.10.2026. Technical specifications and product documents are available on request.

Our Shipments

Safe delivery across Türkiye and abroad

Our NAYY aluminium underground cable and flat cable drums are loaded onto trucks by forklift, secured, and delivered within 3 working days by courier or 4 working days by freight carrier.





Contact

Factory

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