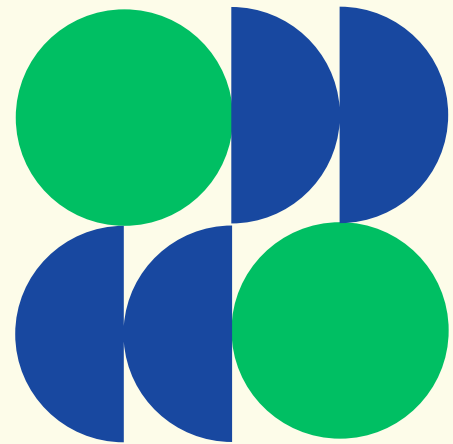


ELECTRIC VEHICLE COPPER
CABLES

Product
Catalog



JT MOBILITY PRIVATE LIMITED

 +91-8693099309 / 9699789777

 support@jt-mobility.com

 www.jt-mobility.com



High Voltage Electric Vehicle Copper Cable

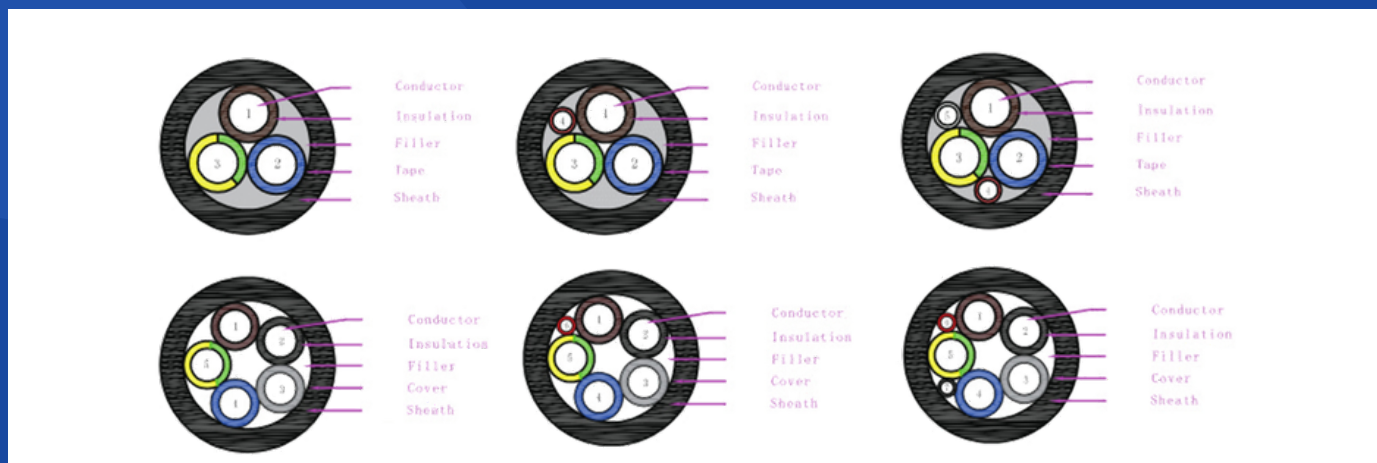
JT Mobility electric vehicle copper cables (EV Cable) are engineered to meet international standards IEC 62893 and accordance with EN 50620 standard.

JT Mobility offer TPU (Thermoplastic polyurethane) and TPE (Thermo Plastic Elastomer) for Insulation and outer Sheath for high strength and softness property. Cable sheath is made from high performance material which possess characteristic as weather ability, high & low temperature resistance, rub resistance etc. Our high-quality oxygen-free copper conductor ensures excellent conductive effect, the cable is soft, elastic, flex index and won't harden in low temperature. Our EV Cables for Electric vehicle conductive charging system is fit for Battery Electric Vehicle, Fuel Cell Vehicle (FCV) & Hybrid Electric Vehicle (HEV). They are widely used in charging connection between electric vehicle and power supply; or used in Electric Vehicle charging facility.



Key Features

- Stronger and Anti-Aging
- Strong Seamless Construction
- Suitable for Outdoor and Indoor Charging
- More Environmentally Friendly and Halogen Free
- More Resistant to Bending and Longer Service Life
- Conductor: Tinned or non-tinned stranded soft copper wire
- Insulation: 105°C Halogen-free, ROHS thermoplastic polyurethane TPU/TPE
- Sheath: 105°C Halogen-free, ROHS thermoplastic polyurethane TPU/TPE Sheath Color Black



Specifications



	JTEVC32A3P100	JTEVC32A1P100	JTEVC16A3P100	JTEVC16A1P100
No Of Phase	Three	Single	Three	Single
Rated Current	32 Amp	32 Amp	16 Amp	16 Amp
Operation Voltage	480V	250V	480V	250V
Operating Temperature	-30C to +65C	-30C to +65C	-30C to +65C	-30C to +65C
Flame Retardant Grade	UL94 V-0	UL94 V-0	UL94 V-0	UL94 V-0
AC Power L1, L2, L3, Neutral N & Protective, Earth PE	5 C of 6.0 Sq. mm	3 C of 6.0 Sq. mm	5 C of 2.5 Sq. mm	3 C of 2.5 Sq. mm
Control Pilot CP, Proximity Pilot PP	2 C of 0.75 Sq. mm	2 C of 0.75 Sq. mm	2 C of 0.75 Sq. mm	2 C of 0.75 Sq. mm
Outer Sheathing Material	Thermoplastic polyurethane (TPU)	Thermoplastic polyurethane (TPU)	Thermoplastic polyurethane (TPU)	Thermoplastic polyurethane (TPU)
Outer Sheathing Finish	Matt	Matt	Matt	Matt
Outer Sheathing Average Thickness	2.5 mm	2.5 mm	1.8 mm	2 mm
Outer Sheathing Min. Thickness	2.03 mm	2.03 mm	1.3 mm	1.1 mm
Outer Sheathing Diameter (Appx)	17.00 ± 0.50 mm	15.00 ± 0.50 mm	15.00 ± 0.50 mm	12.50 ± 0.50 mm
Conductor Construction (Nos./Strand Dia.)	190/0.20 mm 42(5cores) / 0.15 mm(2 cores)	190/0.20 mm 42(3cores) / 0.15 mm(2 cores)	140/0.15 mm 42(5cores) / 0.15 mm(2 cores)	140/0.15 mm 42(3cores) / 0.15 mm(2 cores)
Max. DC Conductor Resistance as per IS 8130:2013	3.30 Ω/km (5cores) at 20°C 26.00 Ω/km at 20°C(2 cores)	3.30 Ω/km (3cores) at 20°C 26.00 Ω/km at 20°C(2 cores)	7.98 Ω/km (5cores) at 20°C 26.00 Ω/km at 20°C(2 cores)	7.98 Ω/km (3cores) at 20°C 26.00 Ω/km at 20°C(2 cores)
Insulation Colour Codes	Blue, Brown, Black, Grey & Yellow/Green (5 cores), Black ,Grey (2 Cores)	Blue, Brown, & Yellow, Green(3cores) /Black ,Grey (2 cores)	Blue, Brown, Black, Grey & Yellow/Green (5 cores), Black ,Grey (2 Cores)	Blue, Brown, & Yellow, Green(3cores) /Black ,Grey (2 cores)
Insulation Average Thickness	1.00(3 core)/ 0.60(2 core) mm	1.00(3 core)/ 0.60(2 core) mm	0.9 (3 core)/ 0.60 (2 core) mm	0.9 (3 core)/ 0.60(2 core) mm
Insulation Minimum Thickness	0.80 (3 core)/ 0.44 (2 core) mm	0.80 (3 core)/ 0.44 (2 core) mm	0.71 (3 core) / 0.44 (2 core) mm	0.71 (3 core)/ 0.44 (2 core) mm
Insulation Insulation Diameter (Avg.)	5.30 ± 0.15(5 core) / 2.40 ± 0.10 (2 core) mm	5.30 ± 0.15(3 core) / 2.40 ± 0.10 (2 core) mm	4.0 ± 0.15 (5 core) / 2.40 ± 0.10 (2 core) mm	4.0 ± 0.15(3 core) / 2.40 ± 0.10 (2 core) mm
Spool Length	100 Meter	100 Meter	100 Meter	100 Meter
Conductor	Soft annealed stranded Bare Copper	Soft annealed stranded Bare Copper	Soft annealed stranded Bare Copper	Soft annealed stranded Bare Copper
Insulation material	ZHFR	ZHFR	ZHFR	ZHFR
Crush Resistance	5kN, 8Km/h, 220KPa, No Breakdown	5kN, 8Km/h, 220KPa, No Breakdown	5kN, 8Km/h, 220KPa, No Breakdown	5kN, 8Km/h, 220KPa, No Breakdown
Flame Test	VW-1 test method comply with UL94 V-0	VW-1 test method comply with UL94 V-0	VW-1 test method comply with UL94 V-0	VW-1 test method comply with UL94 V-0

Specifications

	JTEVCE32A3P100	JTEVCE32A1P100	JTEVCE16A3P100	JTEVCE16A1P100
No Of Phase	Three	Single	Three	Single
Rated Current	32 Amp	32 Amp	16 Amp	16 Amp
Operation Voltage	480V	250V	480V	250V
Operating Temperature	-30C to +65C	-30C to +65C	-30C to +65C	-30C to +65C
Flame Retardant Grade	UL94 V-0	UL94 V-0	UL94 V-0	UL94 V-0
AC Power L1, L2, L3, Neutral N & Protective Earth PE	5 C of 6.0 Sq. mm	3 C of 6.0 Sq. mm	5 C of 2.5 Sq. mm	3 C of 2.5 Sq. mm
Control Pilot CP, Proximity Pilot PP	2 C of 0.75 Sq. mm	2 C of 0.75 Sq. mm	2 C of 0.75 Sq. mm	2 C of 0.75 Sq. mm
Outer Sheathing Material	Thermo Plastic Elastomer (TPE)	Thermo Plastic Elastomer (TPE)	Thermo Plastic Elastomer (TPE)	Thermo Plastic Elastomer (TPE)
Outer Sheathing Finish	Matt	Matt	Matt	Matt
Outer Sheathing Average Thickness	2.5 mm	2.5 mm	1.8 mm	2 mm
Outer Sheathing Min. Thickness	2.03 mm	2.03 mm	1.3 mm	1.1 mm
Outer Sheathing Diameter (Appx)	17.00 ± 0.50 mm	15.00 ± 0.50 mm	15.00 ± 0.50 mm	12.50 ± 0.50 mm
Conductor Construction (Nos./Strand Dia.)	190/0.20 mm 42(5cores) / 0.15 mm(2 cores)	190/0.20 mm 42(3cores) / 0.15 mm(2 cores)	140/0.15 mm 42(5cores) / 0.15 mm(2 cores)	140/0.15 mm 42(3cores) / 0.15 mm(2 cores)
Max. DC Conductor Resistance as per IS 8130:2013	3.30 Ω/km (5cores) at 20°C 26.00 Ω/km at 20°C(2 cores)	3.30 Ω/km (3cores) at 20°C 26.00 Ω/km at 20°C(2 cores)	7.98 Ω/km (5cores) at 20°C 26.00 Ω/km at 20°C(2 cores)	7.98 Ω/km (3cores) at 20°C 26.00 Ω/km at 20°C(2 cores)
Insulation Colour Codes	Blue, Brown, Black, Grey & Yellow/Green (5 cores), Black, Grey (2 Cores)	Blue, Brown, & Yellow, Green(3cores) /Black, Grey (2 cores)	Blue, Brown, Black, Grey & Yellow/Green (5 cores), Black, Grey (2 Cores)	Blue, Brown, & Yellow, Green(3cores) /Black, Grey (2 cores)
Insulation Average Thickness	1.00(3 core)/ 0.60(2 core) mm	1.00(3 core)/ 0.60(2 core) mm	0.9 (3 core)/ 0.60 (2 core) mm	0.9 (3 core)/ 0.60(2 core) mm
Insulation Minimum Thickness	0.80 (3 core)/ 0.44 (2 core) mm	0.80 (3 core)/ 0.44 (2 core) mm	0.71 (3 core) / 0.44 (2 core) mm	0.71 (3 core)/ 0.44 (2 core) mm
Insulation Insulation Diameter (Avg.)	5.30 ± 0.15(5 core) / 2.40 ± 0.10 (2 core) mm	5.30 ± 0.15(3 core) / 2.40 ± 0.10 (2 core) mm	4.0 ± 0.15 (5 core) / 2.40 ± 0.10 (2 core) mm	4.0 ± 0.15(3 core) / 2.40 ± 0.10 (2 core) mm
Spool Length	100 Meter	100 Meter	100 Meter	100 Meter
Conductor	Soft annealed stranded Bare Copper	Soft annealed stranded Bare Copper	Soft annealed stranded Bare Copper	Soft annealed stranded Bare Copper
Insulation material	FRLS	FRLS	FRLS	FRLS
Crush Resistance	5kN, 8Km/h, 220KPa, No Breakdown	5kN, 8Km/h, 220KPa, No Breakdown	5kN, 8Km/h, 220KPa, No Breakdown	5kN, 8Km/h, 220KPa, No Breakdown
Flame Test	VW-1 test method comply with UL94 V-0	VW-1 test method comply with UL94 V-0	VW-1 test method comply with UL94 V-0	VW-1 test method comply with UL94 V-0

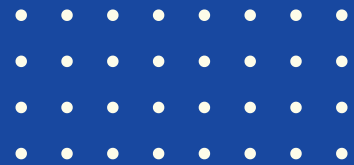
Company Profile

JT Mobility Pvt. Ltd. is a Mumbai, India based manufacturer, associated with Jayani Technologies LLP established in 2011. We are focusing on the design, production, after sale service and marketing of electric vehicle charging components and onboard charging system, we are specialized in various Electric vehicle portable chargers, sockets, charging cables, plug & connectors to national and international standards.

JT Mobility is an ISO 9001:2015 certified company, Our Strong R&D team and unmatched integration team enable us to be fast, flexible, and efficient when providing different solutions to our customers. JT Mobility is highly recognized and trusted by customers for its innovative technology, excellent manufacturing capability and perfect service system. Our vision is to transform EV Industry with the leading technology and to provide cost effective products & solution to EV user, vehicle manufacturer, EVSE, Automobile Dealers and EV Infra provider at competitive prices.



Why Us!



Our Team

JT Mobility is founded and managed by well experienced senior executives from the Industry, with rich and extensive experience in the leading organizations. Keeping in mind the new & changing technology and demands of the industry, we have employed highly skilled team of professionals.

Our Commitment

JT Mobility is committed to becoming a world-class provider of cable solutions for new energy vehicles, and a leader in the EV charging cable products & solution.

Our Vision

To create versatile cutting-edge solutions for all automotive industries

Our Mission

To provide ingenious, virtuous, and energy-efficient solutions.

Our Values

Respect, professionalism, and determination are the values that are the foundation of our culture

Support

Help-Desk (24x6)

Our help desk center is the most extensive information resource in the world. With just a phone call or an e-mail, you can be in touch with a team of trained information specialists and technical experts that are ready to answer your questions and provide you with the information you need. They have an array of resources at their fingertips including product brochures, samples, product specification sheets, case histories, application notes, white papers, technical article, training materials and much more. E-mail at support@jt-mobility.com for any kind of support.

Warranty

1 Year Standard warranty on all the products. We provide free lifetime technical support for all our products. Warranties provided are specific to each product. Warranty period, starting from the date of original purchase. If no proof of purchase (receipt or invoice of purchase) can be presented upon request.

Private Labeling

We provide private labeling product with your company branding. so you can sell products under own brand name. Changes can include things like packaging or product bundles, colors and branding, and some limited adjustments to components or functionality. Minimum order quantity applicable for private labeling.

Global Shipping

We offer global shipping worldwide to nearly every country across the globe, covering North and South America, Europe, Asia, Middle East, Africa, Oceania, and more. We employ the services of major, trusted international carriers to ensure your package arrives to your destination safely and securely.

Repair & Return

We have well defined Repair & Return procedure so we can easily create, organize, process and track your returned orders. Refer to terms and condition of warranty terms and condition for repair services.

Dealer / Distributor

Our Distributor Program is designed to help system integrator, value added re-sellers (VARs), contractors, and installers create demonstrable business value while driving new business and increasing profitability. We provide the tools, marketing and business environment to build a profitable and scalable Practice.

Quality and Certification

JT Mobility Pvt. Ltd. is an ISO 9001:2015 certified company, committed to providing its customers with cost effective reliable products and solutions that keeps them step forward from their competitors and puts them one step closer to future. We provide consistent quality and environmentally friendly products. It is essential for all levels of the organization to strive for excellence and continual improvement in quality, maintaining our competitive edge.



Contact Us

JT MOBILITY PVT. LTD.

23, 3rd Floor, Gami Industrial Park, TTC MIDC Pawne, Navi-Mumbai, Dist. Thane, Maharashtra, India 400705

Head Office

B-409, Lodha I-Think, Opp. Xperia Mall, Kalyan-Shil Road, Dombivali (E), Dist. Thane, Maharashtra, India 421203

R & D

A-106, Shraddha Silver Springs, BEML Lauout Main Road, Brookfield, Bengaluru, India 560066

Delhi

Oriental Market, IP Extension, Patparganj, New-Delhi, India 110092

Jaipur

G-1, Sunshine Krishna, Near Triveni Nagar Flyover, Gopalpura By-Pass, Jaipur, Rajasthan 302018

Indore

Mahalaxmi Nagar, Near Bombay Hospital, AB Road, Indore, Madhya Pradesh, India 452010

Phone: +91-8693099309 ; E-Mail : support@jt-mobility.com

WWW.JT-MOBILITY.COM

Follow Us

