

TE Connectivity's (TE) EV charging cable assemblies for Type 1 have a new and improved housing design with an ergonomically designed handle. The EV charging cable assemblies are capable of high mating cycle requirements, with testing completed to 10,000 mating cycles. The product meets the SAE J1772 specifications and is UL recognized per UL 2251. Additionally, the cables meet UL62 cold impact requirements and are RoHS compliant. Contact assemblies are sealed with a liquid silicon rubber to prevent against corrosion and moisture inside connector body. Designed with the end user in mind, materials provide a crush-resistant connector body, meet outdoor classification F1 (UL) and are resistant to common automotive fluids. With over 50 years of experience, you can depend on TE to be safe and reliable in your application. Our core competencies in connectivity and cable assembly manufacturing provides customers with market-leading EV charging solutions.

KEY FEATURES

- High Flexibility, UL62 Cold Impact Approved cable
- Meets high mating cycle requirements, with testing completed to 10,000 mating cycles.
- Contact assemblies are sealed with a liquid silicon rubber to prevent against corrosion and moisture inside the connector body.
- The materials used provide a crush-resistant connector body, meet outdoor classification F1 (UL) and are resistant to common automotive fluids.
- Each contact has a separate housing seal providing higher safety level than heat shrink
- Custom configurations for customer specific installations available (min. volume required)

BENEFITS

- Superior performance:
  High Flex Cable provides superior flex life, maximum reliability and functionality for every movement
- Simple to use:
  Ergonomically smaller handle to make it easier to fit security enclosures
- Safer:
  Prevents moisture inside the connector body and corrosion of the crimping zone
- Support:
  TE offers engineering support for specific customer applications

APPLICATIONS

- Type 1 Electric Vehicle Charging Cable assembly
- EV Charging stations

ELECTRICAL

- Up to 32 A and 240 V

MECHANICAL

- TPA Contact retention
- 10,000 mating cycles
- 3 color options
- UL62 approved cable (cold impact requirement)

MATERIALS

- Contacts: Brass (500 Mpa Stress)
- Silver over Nickel plated brass
- Housing: UL94 V-0 rated thermoplastic
- Materials are rated UV exposure performance and are resistant to common automotive fluids

STANDARDS & SPECIFICATIONS

- SAE J1772 Compliant
- UL Recognized – UL2251
- Cable UL62 approved

ENVIRONMENTAL

- UL2251, UL62 approved cable
- F1 rated housing material

PRODUCT COMPLIANCE / APPROVALS

- UL2251
- SAE J1772
- UL62 approved cable

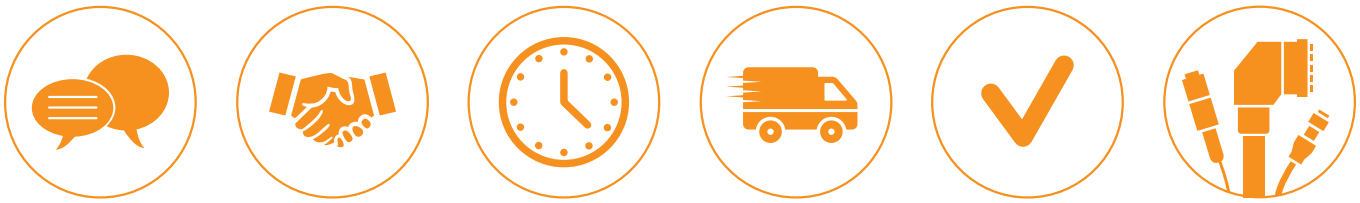
PART NUMBERS

Description	Part Number
EVCA, 16MM Cable, 32A, UL, White 10ft	2267185-1
EVCA, 16MM Cable, 32A, UL, White 15ft	2267185-2
EVCA, 16MM Cable, 32A, UL, White 20ft	2267185-3
EVCA, 16MM Cable, 32A, UL, White 25ft	2267185-4
EVCA, 16MM Cable, 32A, UL, Gray 10ft	2267220-1
EVCA, 16MM Cable, 32A, UL, Gray 15ft	2267220-2

Description	Part Number
EVCA, 16MM Cable, 32A, UL, Gray 20ft	2267220-3
EVCA, 16MM Cable, 32A, UL, Gray 25ft	2267220-4
EVCA, 16MM Cable, 32A, UL, Black 10ft	2267221-1
EVCA, 16MM Cable, 32A, UL, Black 15ft	2267221-2
EVCA, 16MM Cable, 32A, UL, Black 20ft	2267221-3
EVCA, 16MM Cable, 32A, UL, Black 25ft	2267221-4

COMBINING POWER WITH FLEXIBILITY

TE Cable Assemblies is on hand to identify our customers' needs and objectives, map out the issues that need resolving, and quickly take all the steps necessary to move from design into production. To provide fully integrated solutions, TE engineers in cable assemblies development work hand in hand with development teams dedicated to connectors – our engineering teams can leverage our vast portfolio of connectors to make sure any solution provides a perfect fit for a customer's needs. And when it comes to creating the assemblies themselves, numerous automatic and semi-automatic manufacturing technologies are at our disposal – cutting & stripping, soldering, IDC insulation displacement, over-molding, and more. TE Cable Assemblies' manufacturing footprint is global too – wherever you are, we are well placed to respond to your needs in terms of flexibility, reliability, and lead times.



We work seamlessly | We provide security | We save your time | We deliver fast | We focus on solutions | We combine power with flexibility

www.te.com/usa-en/products/cable-assemblies/intersection/ev-charging-type-1.html

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1-1173926-1 06/2018 Original: WR

PRODUCT SHEET

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