UNDERGROUND NETWORKS

Never underestimate the power of reliability.

Every underground power distribution environment requires reliable, easy to install, durable products to ensure efficiency and high performance. Network owners demand products with electrical and mechanical precision plus fast, safe, and cost-effective installation.
PARTNERING WITH TE CONNECTIVITY (TE)

With a proven track record for delivering the latest advancements in materials science that ensure reliability and lower installation costs, TE is the underground partner for customers with high expectations.

For over 60 years, the TE team has worked with customers around the globe to develop, install and maintain customized innovative solutions that include a wide range of cable accessories, connectors and fittings.

TEs engineering and research teams are continually bringing new levels of efficient total solutions to underground network connectivity needs.

UNIQUE UNDERGROUND CHALLENGES

Each environment shares challenges to providing high-quality, consistent delivery of power to the grid:

Limiting physical installation conditions and the inability to dismantle equipment require installation methods that are practical and cost-effective.

Outage causing surge impacts and harsh, abrasive environments call for tough network elements to withstand these conditions.

Compatibility with globally-recognized equipment manufacturers are essential for cost-effectiveness and uncomplicated maintenance.

The urban, residential, industrial, substation interface, and transmission interface environments demand different solutions to solve these challenges.
Customers know that TE’s suite of products provides the comprehensive solution for every underground environment. Engineered for customer requirements, TE’s underground transmission solutions offer the core tenants of efficiency and proven electrical performance.

**Full Spectrum For Connectivity**
- Featuring elbows, splices, connectors and terminations for high, medium and low voltage power distribution applications.
- Compatible fit with globally-recognized competitor products.
- TE’s Raychem patented world-class heat shrink products.
- Flexible, compact cable joints that integrate electrical performance, stress control and moisture sealing.

**High Performance for Reliability and Durability**
- Tested and proven capability to withstand environmental extremes over long operating lifetimes (climatic aging, dry heat, and more).
- Universal connectors that use shear bolt technology for precise installation in seconds and require no special tools and fewer components overall.
- High pollution and contamination resistance.
- Anti-tracking materials solutions enhance electrical performance.

**Partners for Design, Installation and Maintenance**
- Unmatched local language field support and expertise backed by global experience.
- Custom product designs and directions.
- Detailed installation instructions, including videos.
- Certification training on-site or at a TE global facility.
- 24/7 local field technical support
TE Connectivity (NYSE: TEL) is a $12 billion global technology leader. Our commitment to innovation enables advancements in transportation, industrial applications, medical technology, energy, data communications, and the home. TE’s unmatched breadth of connectivity and sensor solutions, proven in the harshest of environments, helps build a safer, greener, smarter and more connected world. With 75,000 people – including more than 7,000 engineers – working alongside customers in nearly 150 countries, we help ensure that EVERY CONNECTION COUNTS – www.TE.com.

WHEREEVER ELECTRICITY FLOWS, YOU’LL FIND TE CONNECTIVITY

FOR MORE INFORMATION:
TE Technical Support Centers

**AMERICAS**

USA/Canada: +1 (800) 327-6996
Mexico: +52 0-55-1106-0800
Brazil: +55 11-2103-6023
South America: +57 1-319-8962

**ASIA-PACIFIC**

Australia: +61 29-554-2695
New Zealand: +64 9-634-4580
China: +86 (0) 400-820-6015

**EUROPE-MIDDLE EAST-AFRICA**

France: +33 (O) 38-058-3200
Germany/Switzerland: +49 (O) 89-608-9903
UK: +44 08708-707-500
Spain/Portugal: +34 912-681-885
Italy: +39 335-834-3453
Benelux: +32 16-508-695
Russia: +7 495-790 2-200
Poland/Baltics: +48 224-576-753
Czech Republic: +42 (O) 272-011-105
Sweden/Norway: +46 850 725 000
Middle East: +971 4-211-7020

te.com/energy
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