

DRIVE YOUR DESIGN TO SPEED WITH TE CONNECTIVITY (TE)



Data Collecting System

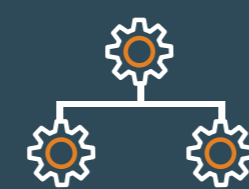
- AUXILIARY LOADS
- INDIVIDUAL TIRE PRESSURE
- SEATBELT STATUS
- ODOMETER READINGS
- LOCATION
- FUEL ECONOMY
- ENGINE TEMPERATURE
- SPEED & IDLE TIME

Considerations For Design Performance



Durability for Harsh Environments

Products that can withstand high temperature and high vibration environments.



Miniaturization

High-performance, high-reliability miniaturized components that can save space for greater functionality within the machine.



Data Connectivity

Quality omni-directional wireless transmission in a wide variety of frequencies including bands defined by Bluetooth, WLAN, Cellular and Antennas Zigbee, etc.



Protection and Safety

Products with sealed components to protect critical functionalities for increased operating efficiency and safety.



Integrated Solution Offerings

Integrated solution offerings to help reduce size and complexity, improve cost-efficiency, optimize performance and increase reliability.



Ease of Assembly

Using simple, fast, and secure connection points for better ergonomics and quicker assembly.

Four Levels of Telematics



OBD-Based Telematics



Basic GPS Tracking



Electric Vehicle Support



Enhanced Signals

TE Connectivity Solutions



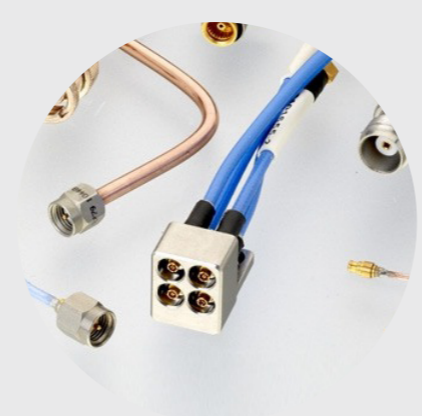
Wire-to-Board

Manufactured for flexibility and reliability, our wire-to-board connectors are engineered for low-profile mating and secure terminations, with products equipped with either a friction lock mechanism or a full lock mechanism. Our multiple or single connection-type PCB tabs include stud mount, printed circuit mount, wire crimp, testing, weld and also adapters for quick disconnect applications.



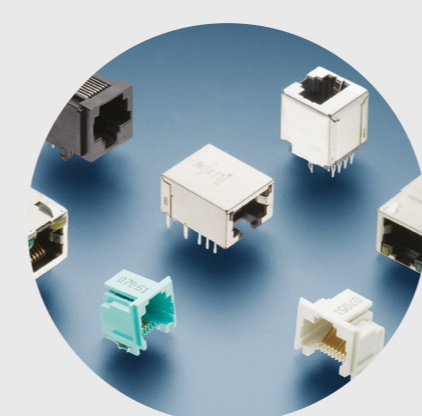
Antennas

Our antenna solutions provide high-quality transmissions in wireless devices in a wide variety of frequencies, including bands defined by Bluetooth, WLAN, Cellular and Zigbee, etc.



RF Connectors

Our RF connectors are designed to perform in rugged, challenging environments, while maintaining low insertion losses, superb voltage standing wave ratio, and other mechanical and electrical functions. Useful for wireless applications in communications, automotive, commercial transportation, and more.



Internal Interconnects

Our internal cabled interconnects can provide a solution to data rate increase challenges. They are flexible, robust and can provide optimal signal integrity while also saving space inside the application. This new connectivity technology can simplify design and help lower overall costs by minimizing the need for re-timers and more costly lower-loss PCB materials while reaching speeds up to 56 Gbps with the use of TE high speed cable.



PCB Connectors

These types of connector systems are mounted or processed to a printed circuit board (PCB). Our broad portfolio of signal and power interconnects include a wide variety of high-density, high-speed board-to-board, cable-to-board, or cable-to-cable connectors designed for automated assembly. These connectors can provide exceptional performance in both low-voltage differential signaling (LVDS) and embedded DisplayPort (eDP) applications.



Automotive Connectors

TE provides quality electrical and electronic interconnection products for automotive, on and off-highway and hybrid and electric vehicles to electrically and mechanically join wires and cables, printed circuit boards, integrated circuit packages and batteries. Our automotive connectors are built to address tough conditions and address the needs of varying industries.



Application Tools

Delivering a quality connection is essential to delivering high performance and reliability in extreme environments. From crimping a terminal onto a wire or pressing a connector onto a board, our equipment and services are designed to maximize production uptime, extend tooling life and minimize manufacturing waste.

te.com/fleet-telematics

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