

INTRODUCING INTRODUCING enetSEAL+ ETHERNET CONNECTORS

- Support single pair Ethernet connections compliant with IEEE 100BASE-T1 and BroadR-Reach communication protocol
- Enable transmission and reception of 100 Mbps over a single, unshielded twisted pair (UTP) cable



Facilitating sealed data connections in harsh environments is crucial in commercial and industrial vehicle applications. TE Connectivity's (TE) enetSEAL+ Ethernet connectors provide robust full-duplex, wire-to-wire connections for multifunction displays, telematics, telemetry units, infotainment modules, and media access controllers. These products can be utilized to connect external cameras and sensing modules to improve operator awareness to enhance safety using Ethernet differential signal transmission communication protocols. enetSEAL+ connectors leverage TE's industry-proven MCON 1.2 clean body (CB) terminal system for high vibration and long-term reliability and allows for field maintenance of commercial and industrial vehicles in harsh environments.

APPLICATIONS

In-Cabin Applications

- Network backbone 100/1000 Base-T1
- Camera
- Displays
- Telemetry unit
- Radar/Lidar
- Gateway/Switch

Chassis Applications

- Camera
- Displays
- Telemetry unit
- Radar/Lidar
- Gateway/Switch

TARGET MARKETS

- Agriculture
- Construction
- Heavy/Medium Duty Truck
- Bus

LEARN MORE

- [Landing Page](#)
- [Datasheet](#)
- [Data Connectivity Catalog](#)
- [Part List](#)

KEY BENEFITS

- Transfer data up to 100 Mbps full duplex
- Leverage industry-proven MCON 1.2 CB terminal design with 8 points of contact for high vibration and long-term reliability
- Secure contact retention with a built-in secondary locking feature
- Provide multiple keying options and clips for multiple panel thicknesses
- Small, lightweight design supports 20-22 AWG jacketed unshielded twisted pair (UTP) cable
- Ensure IP69K performance with an optional backshell
- Enable optimal and high-quality design with field serviceability to reduce manufacturing and service costs
- Support a small footprint and wide range of applications with a plug that can fit through 20mm hole