

INTRODUCING

MCP HYBRID COAXIAL CONNECTORS

- Offer reliable performance by utilizing existing unsealed MCP connectors to provide a coaxial data connection up to 9 GHz and 9 signal/power MCON 1.2 CB terminals
- Enable design flexibility and can help save space with both coaxial data and power in one connection



TE Connectivity's (TE) MCP hybrid coax connectors utilize existing unsealed MCP connectors to provide a coaxial data connection up to 9 GHz and 9 signal/power MCON 1.2 CB terminals to enable the implementation of high-resolution cameras within trucks and buses. Designed for unsealed firewall, bulkhead passthrough applications with MCP housing, the MCP hybrid coax connectors are more specifically used for connections that pass through the firewall within a truck or bus to connect front and rear cameras on the vehicle. This reduces complexity when you need to add a coax line through the truck firewall.

These industrial connectors utilize our widely available and industry proven MCON 1.2 clean body (CB) terminals and TE's MATE-AX terminals for reliable quality and performance with self-termination capabilities. The connector design is easy to assemble in existing firewall frames which provides potential cost and time savings for customers who are making upgrades to their vehicle designs. A hybrid design with both coaxial data and power in one connection offers increased design flexibility and can help save space.

TARGET MARKETS

- Truck and Bus
- Automotive

APPLICATIONS

In-Cabin Applications

- Camera
- Telemetry units
- V2X
- Antennas
- Firewall

Chassis Applications

- Camera
- Telemetry units
- Antennas
- GPS

KEY BENEFITS

- Offer reliable performance by utilizing existing unsealed MCP connectors to provide a coaxial data connection up to 9 GHz and 9 signal/power MCON 1.2 CB terminals
- Enable design flexibility and can help save space with both coaxial data and power in one connection
- Reduce complexity and ensure simplified assembly while adding the coax line through the truck firewall
- Support customer's vehicle design upgrades with easy connector design assembly in existing firewall frames
- Facilitate miniaturized and adaptive design with reliable miniaturized MCON and mini-coax (MATE-AX) terminals

LEARN MORE

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