INTRODUCING

FAKRA COAXIAL SYSTEM FOR RADIO FREQUENCY

- **Enabling RF performance up to 6GHz for the transportation industry**
- **Extensive portfolio for diverse applications and installation needs**

Manufacturers are increasingly designing safety and vehicle connectivity applications based on high frequency data connections. These include cameras, sensors and antennas that require real-time data transmission where safety is the number one priority.

Enabling RF performance up to 6 GHz, TE Connectivity's FAKRA coaxial connectors offer high performance as well as increased levels of robustness for harsh environments.

In addition, the portfolio includes simplified stamped and formed terminals that offer lower mating forces and increased automotive robustness as well as readiness for fully automated cable assembly that can significantly increase efficiency of cable processing and reduce production costs.

TARGET MARKETS

- Transportation
- Automotive
- Industrial Transportation

APPLICATIONS

Cameras

- Surround View, Lane Assist, High Beam Assist, Blind Spot Detection, Traffic Sign Recognition, Rear View, Driver Monitoring, Gesture Control, Night Vision, Mirror Replacement

Antennas

- 4G, LTE, Smart 5G, Keyless Entry, Remote Parking, BT, WLAN (Hotspot), V2X, DSRC, C-V2X

LEARN MORE

- FAKRA Connector System Landing Page
- FAKRA Connector System Brochure

KEY BENEFITS

- **Automotive-grade robustness**
  - Fully compliant with LV214 and USCAR requirements*
  - Designed to endure harsh vehicle environments
- **Manufacturing Efficiency**
  - Stamped and formed terminal variants available, optimized for automated manufacturing
  - Global manufacturing footprint
- **Extensive portfolio for diverse applications and installation needs**
  - 1 and 2 positions male/female connectors and headers for a complete system
  - 14 key codes to simplify the installation and prevent misconnections
  - Sealed variants available for water-resistant applications
  - 180°/90° orientations for flexible installation
  - Primary and secondary locks for reliable connections
  - Connector Positioning Assurance (CPA) variants to ensure proper mating

**Note: Industry standards used to define the quality and performance requirements for automotive connectors*