

Waterproof Mini FAKRA Connectors and Cable Assemblies



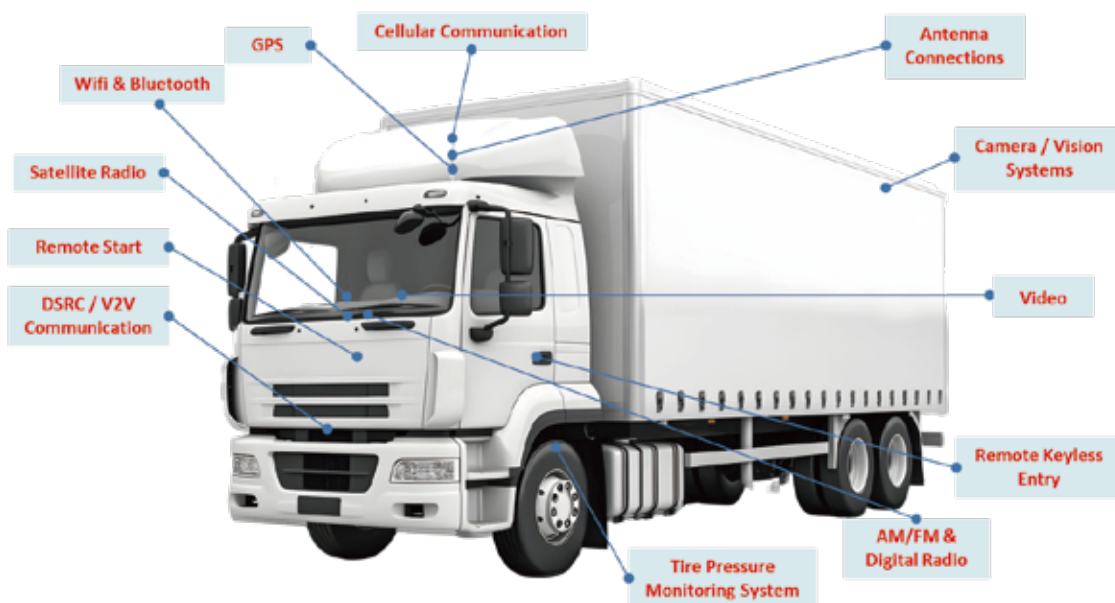
Overview:

ATTEND Mini FAKRA Waterproof Connectors and Cable Assemblies provide ultra-compact solutions for space-constrained applications. Featuring a reduced footprint versus standard FAKRA, they enable high-density layouts while maintaining robust mechanical and RF performance.

Rated to IP67 when properly mated and compliant with ISO 20860-1/2, SAE/USCAR-2, and USCAR-17, the series supports frequencies up to 9 GHz and delivers reliable resistance to water, dust, and vibration—ideal for automotive cameras, ADAS, GPS, radar, and other outdoor or mobile applications.

APPLICATION





- Automotive Telematics and Infotainment Systems
- Advanced Driver Assistance Systems (ADAS)
- GPS, Satellite Radio, and Antenna Connections
- Industrial Wireless Communication Networks
- IIoT Devices in Harsh Environments
- V2X Communication Systems
- Industrial Automation
- Unmanned Transport Systems (AGVs/AMRs)
- Intelligent Transportation Systems
- Agricultural Machinery







FEATURES

- Frequency range: up to 9 GHz
- Meets ISO 20860-1/2, SAE/USCAR-2, and USCAR-17 standards
- Robust plastic housings provide high resistance to harsh automotive environments
- Provides IP67 protection when properly mated, ensuring reliable sealing against water and dust in harsh environments.
- Mini FAKRA connectors are up to 80% smaller than standard FAKRA, ideal for compact, high-density automotive electronics
- Mini FAKRA cable assemblies can be customized to meet specific application requirements
- Operating temperature range: -40°C to +105°C

ITEMS

Type A Series			
 230D-PSX01 Plug (2x2), Vertical, DIP for PCB, IP67 (when mated)	 FR-1P1P-100Z01W Plug (2x2) Cable, IP67, L=100 CM, Z Code	 FR-1J1J-100Z03W Jack (2x2) Cable, IP67, L=100 CM, Z Code	 FR-1J4J-100Z01W Jack (2x2) to FAKRA Jack x4 Cable, IP67, L=100 CM, Z Code

Type B Series			
 FR-1P4P-010Z01W Plug(2x2) Panel Mount to I-PEX Cable, IP67, L=10 CM, Z Code	 FR-1P1P-100Z02W Plug (2x2) Cable, IP67, L=100 CM, Z Code	 FR-1J1J-100Z04W Jack (2x2) Cable, IP67, L=100 CM, Z Code	 FR-1J1P-100Z05W Jack (2x2) to Plug (2x2) Cable, IP67, L=100 CM, Z Code