

Delphi Connectivity System

Combining Delphi's receiver, reception, electronics and system integration expertise to make reliable data communication to and from a vehicle possible, Delphi's Connectivity System addresses multiple global connectivity standards with two customizable core components: a shark fin antenna and an extremely thin transceiver.

Including an internet router that provides a wireless connection to nomadic devices in the vehicle, the modular system is designed to offer users maximum connection performance even in less than optimal signal conditions.

In addition to enabling communication between the vehicle, its passengers and the environment, the system design also makes integration of safety applications possible.

► The Delphi Advantage

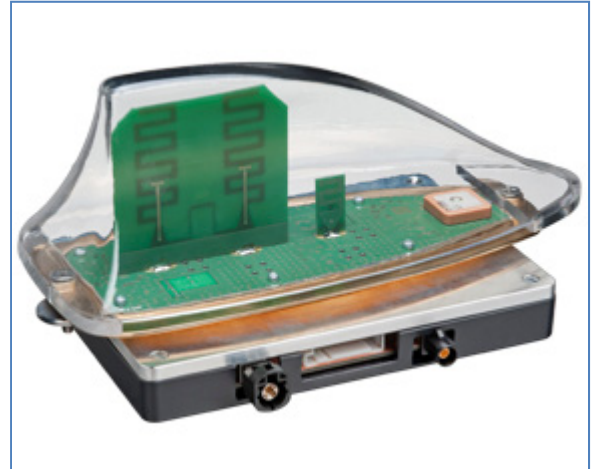
- New, proprietary satellite reception service technology provides industry-leading performance
- Unique wideband communication technology reduces interference
- Complete system from single source reduces development and validation costs for cross carline applications
- Full AutoSar compliance

► Features

- Internet router with firewall and VPN
- Integrated transceiver and data communication
 - GSM/UMTS/LTE/TD-SDCMA
 - GPS, GLONASS, GALILEO
 - WLAN (a, g, b, n)
 - Emergency (e-Call) / service / diagnostic communication
 - Car2Car / Car2X communication
 - Remote keyless entry / passive entry
- Routes all services through Ethernet and WiFi
- Ethernet: FlexRay, CAN, LIN
- Satellite receiver

► Benefits

- Modular
 - Scalable to address multiple global communication standards
 - Enables flexibility and customization to meet specific vehicle architecture needs
- Reduces mass and build complexity, eliminating up to 7 RF cables
- Minimizes signal loss



Delphi's Connectivity System combines a customizable antenna and transceiver to enable communication between the vehicle, its passengers and the environment.



Delphi Transceiver Module