

Transportation and Navigation Antennas

Our Automotive grade antennas are IATF 16949 certified and IP67 rated for rugged environments and outdoor applications. These antennas come in different shapes and mounting and are ideal for transportation, navigation and surveillance applications such as fleet management, asset tracking and, remote monitoring. These solutions support multiple frequency bands and protocols. The antennas can also be customized for cable and connector as per the requirements.

FEATURES

- Manufactured in TS/IATF 16949 line
- Level-3 PPAP upon request
- High Gain
- IP67
- Screw/ Magnetic/Adhesive mounts

APPLICATIONS

- Intelligent transportation systems
 - Fleet management
 - Asset tracking/Vehicle tracking
- Automotive
 - Cars, Electric vehicles, buses
- GPS tracking and accessories
- Remote monitoring-Smart agriculture
- Surveillance



PART NUMBER	AECA0401G4ZS-3000S	AECP0401G4ZS-3000S	AECW0401G4ZS-3000S	AECS1806C03ZS-3000S	AECS1806D07ZS-3000S
TYPE	Puck	Puck	Puck	Shark fin	Shark fin
FREQUENCY	1.561GHz, 1.575GHz, 1.602GHz	1.561GHz, 1.575GHz, 1.602GHz	1.561GHz, 1.575GHz, 1.602GHz	698MHz, 824MHz, 868MHz, 960MHz, 1.71GHz, 1.99GHz, 2.17GHz, 2.66GHz, 1.561GHz, 1.575GHz, 1.602GHz, 2.45GHz, 5..5GHz	1.07MHz, 98MHz, 698MHz, 824MHz, 868MHz, 960MHz, 1.71GHz, 1.99GHz, 2.17GHz, 2.66GHz, 1.561GHz, 1.575GHz, 1.602GHz
PEAK GAIN	5 dBi	5 dBi	2 dBi	2 dBi, 3.5 dBi, 2 dBi	8 dB, 19 dB, 3 dBi, 2 dBi
MOUNTING	Adhesive Mount	Magnetic Mount	Screw Mount	Screw Mount	Screw Mount
PACKAGE SIZE (mm)	45.2 x 35.8 x 15.2	45.2 x 35.8 x 15.2	Ø46.6 x 16.3	181.7 x 68.9 x 69.1	181.7 x 69.1 x 68.9
KEY FEATURES	GNSS/GPS/GLONASS/ BeiDou/QZSS, Active antenna with LNA IP67, 3m cable, SMA Male	GNSS/GPS/GLONASS/ BeiDou/QZSS, Active antenna with LNA IP67, 3m cable, SMA Male	GNSS/GPS/GLONASS/ BeiDou/QZSS, Active antenna with LNA IP67, 3m cable, SMA Male	4G/LTE, 2.4/5GHz Dual band Wi-Fi, GNSS/GPS / GLONASS/BeiDou/QZSS, Active GNSS antenna with LNA, IP67	2 x 4G/LTE MIMO, AM/FM, GNSS/GPS/GLONASS/ BeiDou/QZSS, Active GNSS antenna with LNA, IP67