

Vehicle Antennas

• JEBSEE •

AN8250

5.9GHz/C-V2X/DSRC

V2X External Antenna



Features

- **Dedicated Frequency for C-V2X/DSRC Communication**
Operates within the 5850 - 5950 MHz range, specifically designed for C-V2X/DSRC communication to enhance vehicle safety through real-time data exchange.
- **Easy Installation and Durability**
Comes with an adhesive backing for quick and secure installation, and an IP67 waterproof rating, ensuring reliable performance in harsh environmental conditions.
- **Customizable Connectivity and Cable Length**
Offers customizable connector types and cable lengths to meet specific customer needs, ensuring seamless integration into various systems.

Application

- **V2X Communication for Smart Transportation**
Facilitates real-time communication between vehicles (V2V) and with surrounding infrastructure, devices, and pedestrians (V2X), enhancing traffic safety, efficiency, and integration into intelligent transportation systems.
- **Autonomous Vehicle Navigation and Traffic Management**
Provides reliable communication channels for autonomous vehicle navigation, real-time decision-making, and coordination, improving overall traffic management and road safety in smart city environments.

Model No.		AN8250
Item		
Antenna I		5.9GHz/C-V2X/DSRC
Frequency Range	MHz	5850 – 5950
Peak Gain	dBi	5.0 typ.
Efficiency	%	50 typ.
Output VSWR	:1	2.0 max.
Polarization		Linear
Radiation Pattern		Omni-Directional
Cable		RG-174/U, 300mm (Any Cable Length Available)
Connector		FAKRA-Female (Code Z) (Other Connectors Available)
		Mechanical
Mounting		Adhesive
IP Rating		IP67
Dimensions		32(W) x 107(L) x 8(H) mm