

Vehicle Antennas

• JEBSEE •

AN8260

6-8.5GHz/UWB Ch5-Ch9

UWB External Antenna



Features

- **UWB Ch5-Ch9 Application**

Designed for precision performance in the 6-8.5 GHz range, making it ideal for advanced off-board UWB applications. Equipped with a durable SMA mount for easy integration.

- **High-Efficiency Omnidirectional Coverage**

Delivers outstanding efficiency with an omnidirectional radiation pattern and 3.5 dBi gain, ensuring consistent and robust coverage in all directions.

Application

- **Precision Surveying**

Designed for high-accuracy UWB-based surveying applications, delivering precise distance measurements and reliable data collection in diverse environments.

- **Indoor Positioning and Tracking**

Provides accurate real-time location tracking for indoor environments, ideal for asset tracking, personnel monitoring, and indoor navigation.

- **Automotive Applications**

Supports vehicle-based UWB applications such as keyless entry, precise vehicle localization, and parking assistance, enhancing vehicle safety and user convenience.

Model No.		AN8260
Item		
Antenna I		UWB Ch5 – Ch9
Frequency Range	MHz	6240 – 8250
Peak Gain	dBi	3.5 typ.
Efficiency	%	80 typ.
Output VSWR	:1	2.0 max.
Polarization		Linear
Radiation Pattern		Omni-Directional
Connector		SMA Female (Other Connectors Available)
		Mechanical
Mounting		Adhesive
IP Rating		IP42
Dimensions		40(W) x 51.5(L) x 13(H) mm