

Vehicle Antennas

• JEBSEE •

AN8250A

2.4-5.0-6.0GHz/Wi-Fi 6E/Wi-Fi 7/BT/ISM

Wi-Fi 7 External Antenna

Features

- **Multi-Band Performance**

Optimized for 2.4, 5.0, and 6.0 GHz frequencies, this antenna supports Wi-Fi 6E/Wi-Fi 7 and is compatible with Bluetooth, ZigBee, and ISM, offering broad wireless application coverage.

- **Versatile Mounting Design**

Designed for installation on or beneath vehicle dashboards and adaptable to any non-conductive surface, providing flexible mounting options.

- **IP67 Rated**

Provides IP67 ingress protection, capable of withstanding harsh environments.

- **Flexible Connector Customization**

Supports various FAKRA codes for connectors, allowing customization to meet the diverse specifications of customer applications.

Application

- **Connected Vehicles**

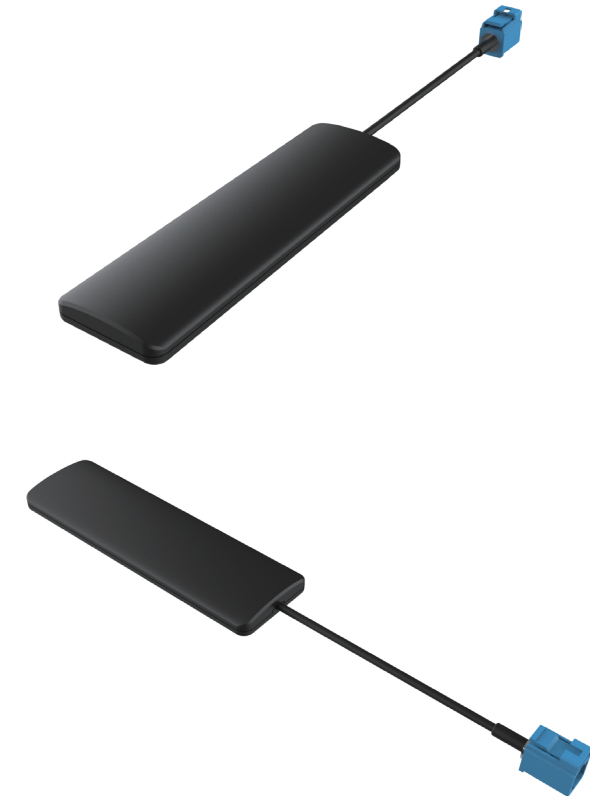
Can be used for wireless communication in connected vehicles, such as vehicle tracking, in-vehicle infotainment systems, etc.

- **Wireless Networking**

Suitable for various wireless networking devices, such as wireless routers, wireless network cards, etc.

- **Bluetooth Devices**

Can be used for Bluetooth headsets, Bluetooth speakers, and other Bluetooth devices.



Model No.		AN8250A		
Item				
Antenna I		2.4-5.0-6.0GHz/Wi-Fi 6E/Wi-Fi 7/BT/ISM		
Frequency Range	MHz	2410 – 2490	4920 – 5925	5925 – 7125
Peak Gain	dBi	3.5	2.5	0.5
Efficiency	%	55 typ.	45 typ.	35 typ.
Output VSWR	:1	2.0	2.0	2.5
Polarization		Linear		
Radiation Pattern		Omni-Directional		
Cable		RG-174/U, 300mm (Any Cable Length Available)		
Connector		FAKRA-Female (Code H) (Other Connectors Available)		
		Mechanical		
Mounting		Adhesive		
IP Rating		IP67		
Dimensions		32(W) x 107(L) x 8(H) mm		