

Vehicle Antennas

• JEBSEE •

AN8242

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

Wi-Fi 7 External Antenna



Features

- Multi-band Support**
This antenna supports 2.4/5.0/6.0 GHz ISM bands, suitable for various wireless applications.
- Adhesive Mount**
Features adhesive mounting for quick and easy installation on various devices.
- Ground Plane Independent**
Antenna performance is not affected by the ground plane, allowing flexible application in different environments.
- IP67 Rated**
Provides IP67 ingress protection, capable of withstanding harsh environments.

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.

Item	Model No.	AN8242		
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	3.3	1.8	1.6
Efficiency	%	42.5	25.0	25.0
Output VSWR	:1	2.5	2.0	2.0
Polarization		Linear		
Radiation Pattern		Omni-Directional		
Cable		RTK031, 3000mm (Any Cable Length Available)		
Connector		FAKRA-Female (Code H) (Other Connectors Available)		
Mechanical				
Mounting		Adhesive		
IP Rating		IP67		
Dimensions		35.0(W) x 86.0(L) x 13.3(H) mm		