

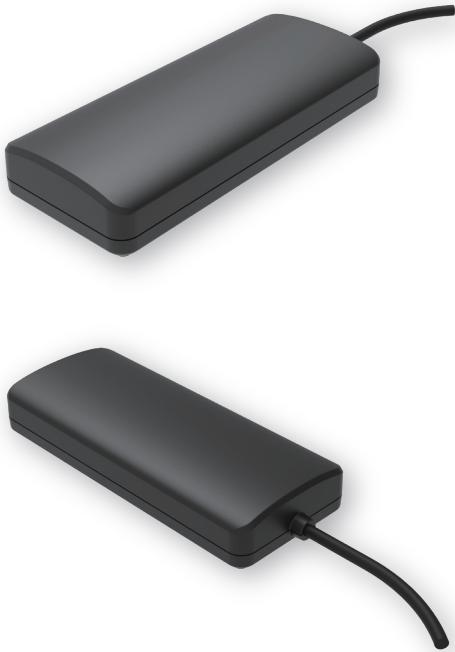
# Vehicle Antennas

• 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.

Model No.		AN8242		
Item		2.4-5.0-6.0GHz/Wi-Fi 6E/Wi-Fi 7/BT/ISM		
Antenna I				
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		