

Vehicle Antennas

• JEBSEE •

AN8243

2×2 MIMO 2.4-5.0-6.0GHz/Wi-Fi 7/BT/ISM

Wi-Fi 7 MIMO Combination External Antenna



Features

- Multi-band Support**
This antenna supports 2.4/5.0/6.0 GHz ISM bands, suitable for various wireless applications.
- High Efficiency and Gain**
Delivers superior data throughput and extended range with MIMO technology, all within a compact design. High isolation between antennas minimizes interference and ensures efficient operation even with longer cables.
- 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

- Transportation**
Ensures robust communication for vehicle tracking and fleet management systems.
- IoT Gateways and Routers**
Enables reliable and high-speed connectivity for IoT devices.
- HD Video Streaming**
Supports seamless streaming of high-definition video content.
- Remote Monitoring**
Provides stable connections for remote surveillance and data acquisition.

Item	Model No.	AN8243		
Antennas 1-2		2×2 MIMO 2.4-5.0-6.0GHz/Wi-Fi 7/BT/ISM		
Frequency Range	MHz	2410 – 2490	4920 – 5925	5925 – 7125
Peak Gain	dBi	5.6	4.0	5.0
Efficiency	%	50.1	47.0	45.0
Output VSWR	:1	2.0	2.0	2.0
Polarization		Linear		
Radiation Pattern		Omni-Directional		
Cable		RTK031, 3000mm *2 (Any Cable Length Available)		
Connector		FAKRA-Female (Code H) *2 (Other Connectors Available)		
Mechanical				
Mounting		Adhesive		
IP Rating		IP67		
Dimensions		35.0(W) x 86.0(L) x 13.3(H) mm		