

Vehicle Antennas

• JEBSEE •

AN828 I

5G NR External Antenna

5G NR/4G LTE Full band +V2X

Features

- **5G and 4G LTE Compatibility**
Supports the latest 5G NR technology while maintaining full backward compatibility with existing 4G LTE networks for seamless connectivity.
- **Ground Plane Independent Design**
Ensures reliable performance in various installations and mounting configurations without the need for a dedicated ground plane.
- **High Gain**
Delivers a peak gain of 6.5 dBi in 5G NR bands, enhancing signal strength and range for optimal performance.
- **Compact Form Factor**
Features a low-profile design for easy integration into different devices and applications without adding bulk.

Application

- **Vehicle telematics**
Enables reliable 5G/4G connectivity for in-vehicle telematics systems, supporting fleet management, vehicle tracking, and other connected car applications.
- **Emergency services**
Provides essential communication support for first responders and emergency services, enabling critical communication during crisis situations.

Model No.		AN828 I			
Item					
Antenna I		5G NR/4G LTE Full band +V2X			
Frequency Range	MHz	617-960	1427-2690	3300-5000	5150-5925
Peak Gain	dBi	2.2	6.5	3.6	2.9
Efficiency	%	50.1	55.2	31.1	25.4
Output VSWR	:1	3.0	2.0	3.0	3.0
Polarization		Linear			
Radiation Pattern		Omni-Directional			
Cable		RTK03 I, 3000mm (Any Cable Length Available)			
Connector		FAKRA-Female (Code D) (Other Connectors Available)			
		Mechanical			
Mounting		Adhesive			
IP Rating		IP67			
Dimensions		74(W) x 80(L) x 25(H) mm			