

# Vehicle Antennas

• JEBSEE •

## AN828I

5GNR/4G LTE Full band + V2X

### 5GNR External Antenna



#### 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.

Item	Model No.	AN828I			
Antenna I		5GNR/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		RTK03I, 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			