

Vehicle Antennas

JEBSEE

AN828 I

5G NR/4G LTE Full band +V2X

5G NR 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.



| Model No. | | AN828 I | | | |
|-------------------|-----|--|-----------|-----------|-----------|
| Item | | 5G NR/4G LTE Full band +V2X | | | |
| 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 | | IP66 | | | |
| Dimensions | | 74(W) x 80(L) x 25(H) mm | | | |