

Vehicle Antennas

• JEBSEE •

AN8285

433MHz External Antenna

Features

- **High Efficiency**
This antenna boasts a high efficiency of 83.8% at the 433MHz band, ensuring reliable wireless transmission performance.
- **Helical Dipole Structure**
Adopts a helical dipole structure to significantly reduce antenna length while maintaining high efficiency.
- **Cable Routing Freedom**
The built-in LC balun minimizes the impact of cable routing direction and length on antenna performance.
- **Low Profile Design**
The antenna has a thickness of only 8mm, making it suitable for space-constrained applications.

Application

- **Automotive Applications**
Applicable for Tire Pressure Monitoring Systems (TPMS), remote keyless entry, and other in-vehicle wireless communication systems.
- **ISM Band Applications**
Suitable for various ISM band applications including smart meters and industrial control cards, etc.

Model No.		AN8285
Item		
Antenna I		433MHz
Frequency Range	MHz	430-435
Peak Gain	dBi	4.1
Efficiency	%	83.8
Output VSWR	:1	2.0
Polarization		Linear
Radiation Pattern		Omni-Directional
Cable		RG-174U, 3000mm (Any Cable Length Available)
Connector		SMA-Male (Other Connectors Available)
		Mechanical
Mounting		Adhesive
IP Rating		IP67
Dimensions		43.0(W) x 96.0(L) x 8.0(H) mm