

Model No: ANT-OMNI-MMDS-10 dBi (2100-2700 MHz)

Wideband Base Station Omni Antenna

Feature

- **Wide Frequency Band covering 2100 – 2700 MHz**
- **One Antenna covering MDS, WCS, and MMDS bands**
- **Maximized 10 dBi gain for Base Station systems**
- **Half power beamwidth of 360°**
- **Cross Polarization Discrimination of 20 dB**
- **Vertical polarization**
- **N-Type-F connector**
- **Power handling of 100W**
- **Easy installation save money and time**
- **Optional mounting brackets**



Overview

The Trackcom Systems International Inc. broadband 2.1-2.7 GHz Omni antenna is for use in base station systems. This antenna saves initial capital expenditure as the single unit covers the MMDS, MDS and WCS bands. The antenna is vertically polarized. The excellent radiation characteristics are the distinguishing features of this well priced antenna.

Overall Specification

Parameter	Description
Frequency	2100 – 2700 MHz
Gain	> 10 dBi +/-1 dB
Return Loss	2.1-2.7 GHz : 10dB min. (VSWR=1.92:1)
Power Rating	100W
Elevation Beam width (HPBW)	7.0° to 8°
Azimuth Beam width (HPBW)	360°
Polarization	Vertical
Cross Polarization Discrimination	>20dB over HPBW
Impedance	50Ω nominal
Connector	N-Type-F
Pole mount brackets	Galvanized steel - Optional
Pole mount size	5-11 cm
Dimensions	LXD: 170. 0X 11.4 cm
Weight	6 kg

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