

Weibonuo Communication

17dBi 806–960MHz 2 Ports Stadium Antenna

Model: WBNTT–BS0809X17i65B

Applications

- ❶ Supporting 806–960MHz Network
- ❷ Typically used in outdoor distribution of signal coverage
- ❸ Improves outdoor wireless network coverage and capacity
- ❹ Outdoor wireless networks and Cellular networks

Features

- ❶ Low PIM -143dBc @ 2 x 43dBm
- ❷ Low VSWR at 1.5
- ❸ High quality PVC radome with plastic nut for easy installation
- ❹ Attractive, compact design and form factor ideal for Indoor distributor antenna system



Ordering Information

Part Number	3rd Order IMD Standard	Descriptions
WBNTT–BS0809X17i65B	-143dBc @ 2 x 43dBm (Connector Direct from Bottom)	N-Female Connector
WBNTT–BS0809X17i65B/4310		4.3–10 Female Connector
WBNTT–BS0809X17i65B/716D		7/16 DIN Female Connector

* We provide antenna customization on different 3rd order intermodulation (PIM) and connector types, please let us know your requirements

Electrical Specifications

Frequency Range	806-960MHz
Gain (Typ)	17.5dBi
PIM, 3rd Order, -dBc (Max)	<-143dBc@2*20W
Polarization	±45°
VSWR (Typ)	≤ 1.5
Horizontal Beamwidth	65±5°
Vertical Beamwidth	9±1°
Isolation	≥25dB
Front-to-Back Ratio	30dB
Electrical Downtilt	0°
Impedance	50 Ohm
Max. Input Power	100 Watts
Lightning Protection	DC Grounded

Mechanical Specifications

Connector	7/26 DIN Female x 2 Ports
Weight	15 Kg
Dimensions	1980 x 280 x 125 mm
Packing Dimensions	2325 x 345 x 220mm
Radome Material	UPVC
Radome Color	Grey
Rated Wind Velocity	55m/s
Operational Humidity	10-95%
Operating Temperature	-40°C to +60°C
Mounting Hardware	Φ50 ~ Φ89
Mechanical Tilt	0-8°

* The products and specifications described in this document are subject to change without notice.

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