

8 dBi Panel Antenna 902-928 MHz SMA Connector



# Antennas Technical Data Sheet

### ET13005

#### Features

- Vertical or Horizontal Polarization
- Light Weight
- Low Loss

- 4 ft. Coax Lead
- Durable UV Stable
- UL Flame Rated Radome

## Applications

- Cellular, GSM
- Wireless LAN Systems
- 900 MHz ISM Band

- LPWAN, LoRA, IoT, M2M Applications
- SCADA, RFID

### Description

The Ebeestock ET13005 high gain flat panel antenna provides 8 dBi gain with broad coverage. It is suitable for both indoor and outdoor wireless LAN and wireless video applications in the 900MHz ISM band, GSM, 900MHz cellular, RFID, LPWAN, IoT, and M2M applications.

The SMA male connectorized ET13005 construction features sealed internal elements and an aesthetic UV-stable, UL flame rated white plastic radome. Can be wall or mast mounted using U-bolts.

ET13005 from Ebeestock, just like our wide selection of superior quality RF devices, is in stock and ships same day. Contact our knowledgeable and friendly technical support and sales staff for your answers on antennas or other Ebeestock products.

### Configuration

Design

Application Band RFID||SCADA||LPWAN||ISM

Band Type

Radiation Pattern

Single

Directional

Polarization Vertical or Horizontal

Cable Type Coax lead

Cable Length 48 in [121.92 cm]

Connector Type

SMA Male

Number of Ports

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	902		928	MHz
Input VSWR		1.5:1	1.5:1	
Impedance		50		Ohms
Gain		8		dBi
Horizontal (Azimuth) Beam Width		75		Degrees
Vertical (Elevation) Beam Width		65		Degrees

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 8 dBi Panel Antenna 902-928 MHz SMA Connector ET13005



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# Specifications by Band

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	902-928					MHz
Gain	8					dBi
Horizontal Beam Width	75					Degrees
Vertical Beam Width	65					Degrees

# Mechanical Specifications

Radome Material ASA

Size

 Overall Length
 8.5 in [215.9 mm]

 Width
 8.5 in [215.9 mm]

 Height
 1.2 in [30.48 mm]

 Weight
 1.17 lbs [530.7 g]

Color

### **Environmental Specifications**

Temperature

Operating Range -20 to +60 deg C

Environment UL-94HB

Wind Loading 150 MPH [241.4 KPH]

Compliance Certifications (see product page for current document)

### Plotted and Other Data

Notes:

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8 dBi Panel Antenna 902-928 MHz SMA Connector from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 8 dBi Panel Antenna 902-928 MHz SMA Connector ET13005

URL: https://www.ebeestock.com/8-dbi-panel-antenna-902-928-mhz-sma-connector-0013005

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