

Telex® Technical Data

2.4 GHz WLAN Directional Antenna
Order No. 2401AA

2.4 - 2.5 GHz

General Description

This antenna was designed for WLAN applications for frequencies of 2400 MHz to 2500 MHz. The antenna is a directional patch that has a gain of 8.5 dBi when measured at the standard Type N coax connector.

This antenna is an excellent choice for a low profile directional antenna. It is designed to be mounted to a flat surface or attached to mast brackets. Mast brackets and hardware are supplied.

Optional coax connectors are available.



Specifications

Electrical:

Frequency Range.....	2400-2500 MHz
VSWR.....	Less than 2.0:1
Nominal Impedance	50 ohms
Gain.....	8.5 dBi
Front-to-Back Ratio	20 dB
Half-power Azimuth Beamwidth (Vertical Polarization).....	72 degrees
Half-power Azimuth Beamwidth (Horizontal Polarization)	60 degrees
Polarization.....	Vertical or Horizontal

Mechanical:

Size	5.406 x 5.875 x 1.213 inches
Mounting Methods, Flat Surface	4 mounting holes, 0.195" dia.
Mast	Clamps to mast up to 1 5/8" O.D.
Connector.....	(standard) Type N jack

Since it is the intent of TELEX COMMUNICATIONS, INC. to continually improve its products, Telex reserves the right to make specification and design changes without notice.



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