

# Telex® Technical Data

5.8 GHz WLAN/U-NII Directional Antenna  
Order No. 5801AN

5.725 - 5.825 GHz

## General Description

This antenna was designed for WLAN applications for frequencies of 5725 MHz to 5825 MHz. The antenna is a directional patch that has a gain of 12 dBi when measured at the standard Type N coax connector. This antenna is an excellent choice for a low profile 90 degree sector antenna. It is designed to be mounted to a flat surface or attached to mast brackets. Mast brackets and hardware are supplied.



## Specifications

### Electrical:

Frequency Range.....	5725-5825 MHz
VSWR.....	nominal 1.4:1 maximum 2.0:1
Nominal Impedance .....	50 ohms
Gain.....	12 dBi
Front-to-Back Ratio .....	20 dB
Half-power Azimuth Beamwidth .....	90 degrees
Half-power Elevation Beamwidth .....	20 degrees
Polarization.....	Vertical

### Mechanical:

Size .....	5W x 7.75H x 1.125D inches
Mounting Methods, Flat Surface .....	4 mounting holes, 0.195" dia.
Mast .....	Clamps to mast up to 2" O.D.
Cable Type and Length .....	LMR-195, 12 inches
Connector.....	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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