

# Telex® Technical Data

WLAN/U-NII Omnidirectional Antenna

5.725 - 5.825 GHz

Order No. 5830AN

## General Description

This antenna was designed for WLAN applications for frequencies of 5725 MHz to 5825 MHz. The antenna is omnidirectional and has a nominal gain of 7.5 dBi when measured at the standard Type N coax connector. This antenna is designed to be mounted on a round mast.



## Specifications

### Electrical:

Frequency Range.....	5725 - 5825 MHz
VSWR.....	nominal 1.4:1, maximum 2:1
Nominal Impedance .....	50 ohms
Nominal Gain.....	7.5 dBi
Half-power Elevation Beamwidth .....	15 degrees
Polarization .....	Vertical
Maximum Power .....	10 watts

### Mechanical:

Size (without mount).....	1.0 OD x 10.875 inches
Mounting method .....	Bracket and SS clamp, 2.0 inch. OD mast max.
Connector .....	Type N jack
Wind Survival (per EIA-222-E at 100' height) .....	100 mph
Humidity .....	5% - 95% (non-condensing)

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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