

# Telex® Technical Data

2.4 GHz WLAN Directional Antenna

2.4 - 2.483 GHz

Order No. 2417NL

## General Description

This antenna was designed for wireless LAN communications for frequencies of 2.400 GHz to 2.483 GHz. The antenna is a directional Yagi that has a gain of 6.0 dBi. This antenna will clearly out-perform an omnidirectional antenna. The antenna is small enough that it will fit nicely into any environment. It can be mounted on or near a computer, or attached to an office partition on horizontal, or vertical surfaces.



## Specifications

### Electrical:

Frequency Range .....	2400-2483 MHz
VSWR .....	Less than 2:1, 1.5:1 Nominal
Nominal Impedance .....	.50 ohms
Gain .....	6.0 dBi Nominal
Front-to-Back ratio .....	Greater than 20 dB
Half-power Beamwidth .....	80 degrees
Polarization .....	Vertical

### Mechanical

Size .....	4 1/2" x 2 7/8" x 3/8"
Mounting method .....	Wall or stand optional
Cable length .....	36"
Cable Type .....	RG-178, 50 ohm
low-loss, white	
Connector .....	(Orinoco) MC Card connector

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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