

# Telex® Technical Data

2.4 GHz WLAN Directional Antenna

2.4 - 2.483 GHz

Order No. 2440-24V/2440-24H

## General Description

This antenna is a parabolic dish designed for the band of frequencies from 2400 to 2483 MHz. It is designed to be used as a bridge antenna between two networks or for point-to-point communications. It consists of an aluminum parabolic reflector and feed antenna. The antenna features a rugged mount. It also offers 20 degree fine adjustment for both horizontal and vertical planes. The antenna is provided with hardware for mast mounting and is available in either vertical or horizontal polarization. The antenna is available in either vertical 2440-24V or horizontal 2440-24H models



## Specifications

### Electrical:

Frequency Range	2400-2483 MHz
VSWR	Less than 1.8:1, 1.5:1 Nominal
Nominal Impedance	50 ohms
Gain	.20 dBi Nominal
Front-to-Back ratio	.Greater than 25 dB
Half-power Beamwidth	.12.4 degrees
Polarization	Vertical (V) or Horizontal (H)
Maximum Side Lobe Level	-.17 dB

### Mechanical:

Size	24" round
Mounting method	Clamps to mast up to 2½" O.D.
Cable length	15"
Cable Type	RG-303/U
Connector	Type N Female
Wind Rating with 1/2 inch ice	110 MPH

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.



8601 East Cornhusker Highway, Lincoln, NE 68505  
Phone: (402) 467-5321 FAX: (402) 467-3279