

Telex® Technical Data

2.4 GHz WLAN Directional Antenna

2.4 - 2.483 GHz

Order No. 2440-24V

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.



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" (0.61m)
Mounting method	Clamps to mast up to 2½" (6.35 cm) O.D.
Cable length	.15" (38.1 cm)
Cable Type	RG-303/U
Connector	Type N Female
Wind Rating with 1/2 inch ice	110 mph (177 kmph)

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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