

Telex® Technical Data

2.4 GHz WLAN Directional Antenna

2.4 - 2.483 GHz

Order No. 2409AA

General Description

This antenna is a totally enclosed 6 element Yagi antenna for the 2400 to 2483 MHz frequency band. It is designed to be used as a bridge antenna between two networks or for point to point communications. It has a nominal VSWR of 1.5:1 and is less than 2:1 over the entire frequency band. The gain is 8.8dBi and the half-power beamwidth is 55 degrees. This antenna is normally mounted on a mast and is vertically polarized



Specifications

Electrical:

Frequency Range	2400-2483 MHz
VSWR	Less than 2:1, 1.5:1 Nominal
Nominal Impedance	50 ohms
Gain	8.8 dBi Nominal
Front-to-Back ratio	Greater than 13.5 dB
Half-power Beamwidth	55 degrees
Polarization	Vertical

Mechanical:

Size	7.25" long
Mounting method	Clamps to vertical mast up to - 1 5/8" O.D.
Cable length	36"
Cable Type	RG-58 A/U Type, 50 ohm, low-loss, white
Connector	Reverse TNC or SMA (polarized)

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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