

Telex® Technical Data

WLAN Antenna

Order No. 2415AB

General Description

This antenna is a totally enclosed 16 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 13.5 dBi and the half-power beamwidth is 30 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	13.5 dBi (11.3 dBd) Nominal
Front-to-Back ratio	greater than 20 dB
Half-power Beamwidth	30 degrees
Polarization	Vertical

Mechanical:

Size	18" 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	Specify Reverse TNC (polarized) or Reverse 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.

TELEX®

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