



## ENCLOSED YAGI ANTENNA

### YE24007

### FULLY ENCLOSED YAGI IS ULTIMATE POINT-TO-POINT WIFI ANTENNA

Laird Technologies fully enclosed Yagi series antennas are the indoor and outdoor solution for point-to-point WiFi transmissions. Designed and constructed with superior materials and components, the antennas will provide years of uninterrupted performance.

#### FEATURES AND BENEFITS

- High gain antenna compatible with 300 watts maximum power
- 150 mph rated wind velocity allows for outdoor installations
- All antennas include mounting bracket for easy mast mounting

#### APPLICATIONS

- Outdoor or indoor WiFi applications for corporate
- or campus-wide wireless communications networks.

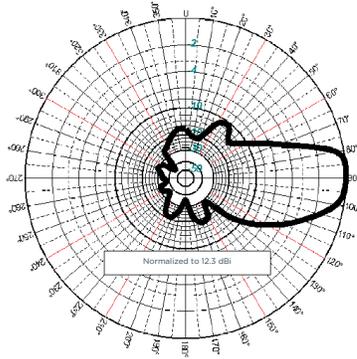
#### ELECTRICAL SPECIFICATION

Frequency Range	2400 - 2500 MHz
Frequency Bandwidth	100 MHz @ VSWR <1.5:1
VSWR	< 2.0:1
Nominal Gain	12.3 dBi
Front to Back Ratio	25 dB
Maximum Power	300 W
Nominal Impedance	50 Ω
Polarization	Vertical or Horizontal
Horizontal Beamwidth (For Vertical Polarization)	33
Vertical Beamwidth (For Vertical Polarization)	37

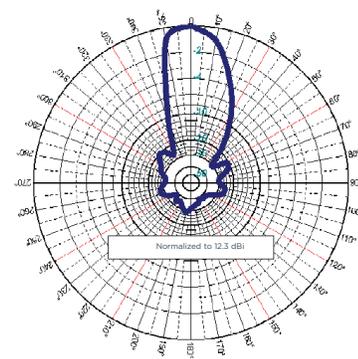
## MECHANICAL SPECIFICATION

Material	Aluminum
Length	8
Boom Diameter	3
Weight	0.68 lb
Rated Wind Velocity	150 mph (241 kph)
Rated Wind Velocity (with 0.5 radial ice)	80 mph (130 kph)
Equivalent Flat Area	0.1667 sq. ft.
Cable	18 low loss dual shield coaxial cable
Termination	N Female connector
Color	White
Mounting	Two (2) inches U-bolts and brackets for easy mast mounting.

## ANTENNA PATTERNS



Vertical-to-Vertical Polarization Azimuthal Pattern (X, Y or E-Plane)



Horizontal-to-Horizontal Polarization Elevation Pattern (Y, Z or H-Plane)

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