



## 4.9-5.8 GHZ AND 2.4 GHZ FULLY ENCLOSED YAGI ANTENNAS

Laird's fully-enclosed Yagi antennas are the indoor solution for point-to-point Wi-Fi transmissions. Designed and constructed with superior materials and components, these antennas will provide years of uninterrupted performance.

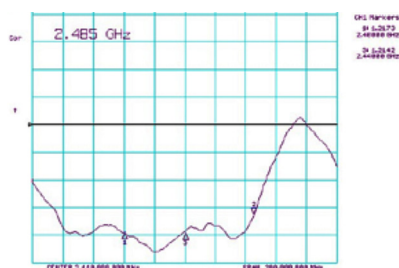
### FEATURES AND BENEFITS



- High-gain antenna compatible with 300 watts maximum power
- 150-mph rated wind velocity for outdoor installation
- Indoor/outdoor mounting options
- Includes two (2) U-bolts and brackets for easy mast mounting

### MARKETS

- Wi-Fi applications
- Corporate or in-campus wireless communication networks



### SPECIFICATIONS

PART #	YE490012	YE240015**
Frequency Range	49000-5850MHz	2400-2485MHz
VSWR	≤ 2:1	≤ 2:1
Nominal Impedance	50 Ω	50 Ω
Gain	10 dBi	14.5 dBi
Polarization	Vertical Horizontal	Vertical Horizontal
Pattern	Directional	Directional
Azimuth Beamwidth	23°	20°
Elevation Beamwidth	27°	18°
Tuning	Fixed	None required
Mounting	Two U-bolts and brackets for mast mounting	Two U-bolts and brackets for mast mounting
Length	9.25 inches	17.6 inches
Weight	1.15 lbs	1.51 lbs
Cable Type	ATX195 Dual Shield low loss Coaxial Cable	ATX195 Dual Shield low loss Coaxial Cable
Termination	N-Female Connector	N-Female Connector

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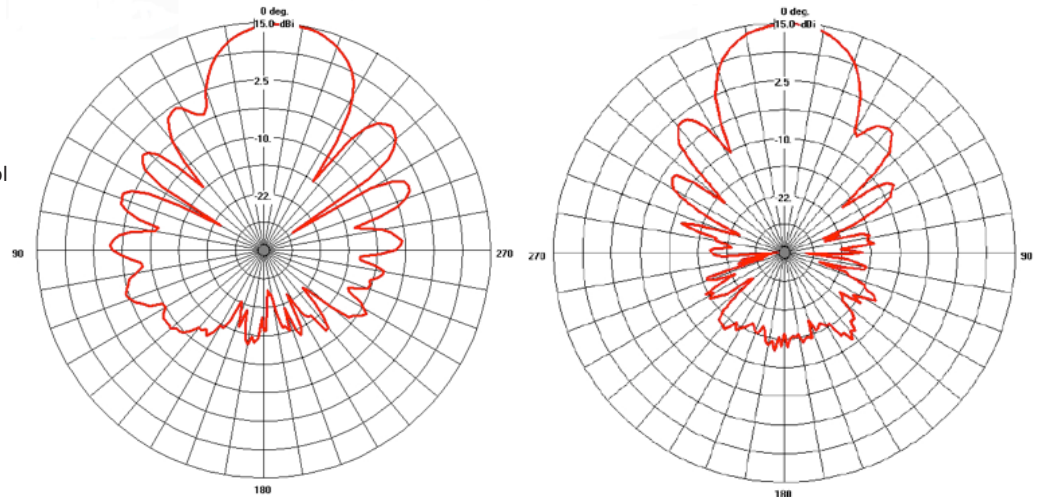
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## Enclosed Yagi Antenna

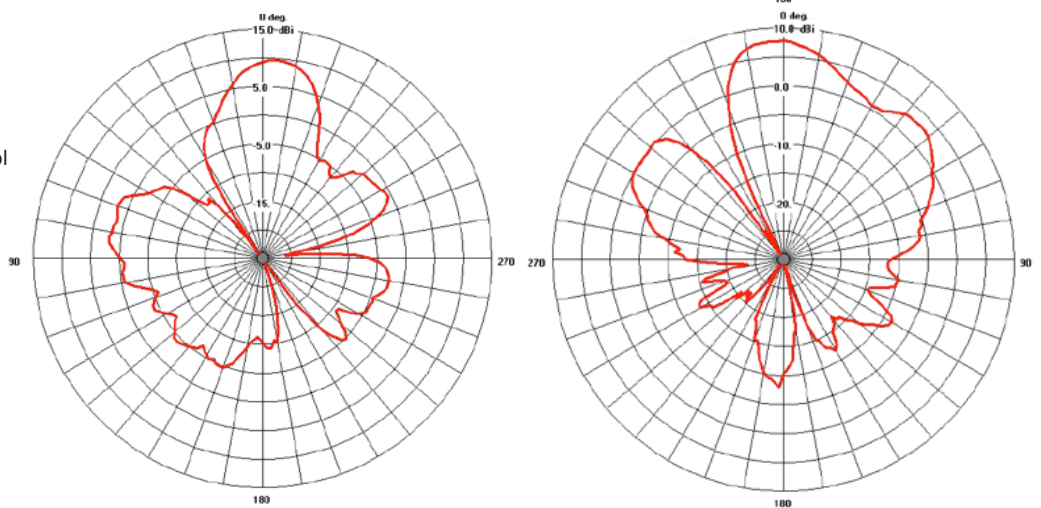
YE490012

YE240015\*\*

YE240015-02, EL  
No Fixture, Free Space  
El Plane,  $\phi=0$   
2450.0 MHz; E-Theta Pol



YE490012Az  
No Fixture, Free Space  
Az Plane  
5375.0 MHz; E-Theta Pol



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### IAS-DS-YAGI 0115

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