



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.

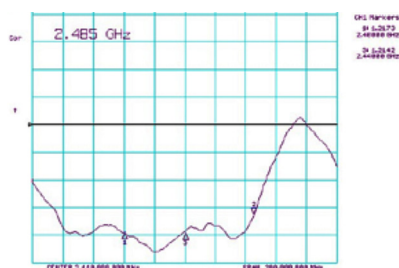
FEATURES AND BENEFITS



- 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

Americas: +1.847.839.6907
IAS-AmericasEastSales@lairdtech.com

Europe: +44.1628.858941
IAS-EUSales@lairdtech.com

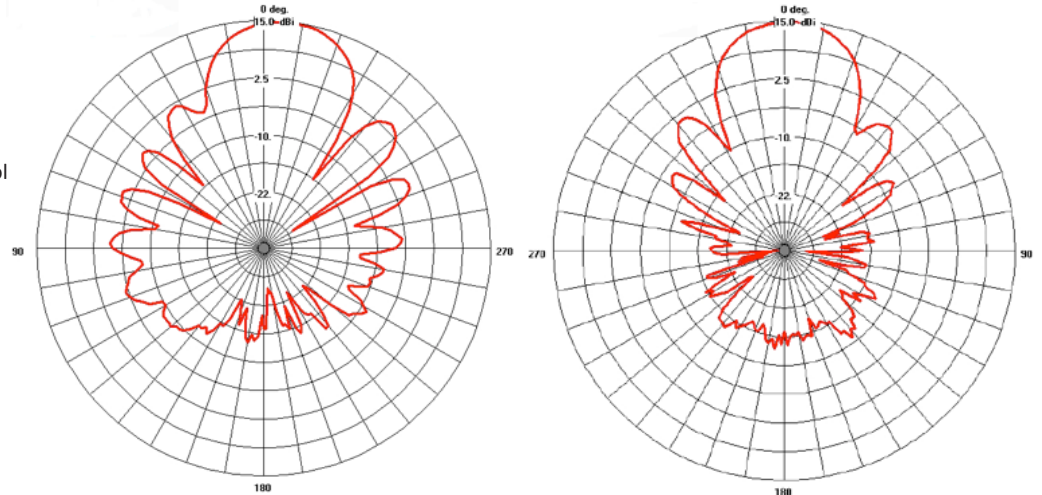
Asia: ++86.21.5855.0827.127
IAS-AsiaSales@lairdtech.com

www.lairdtech.com

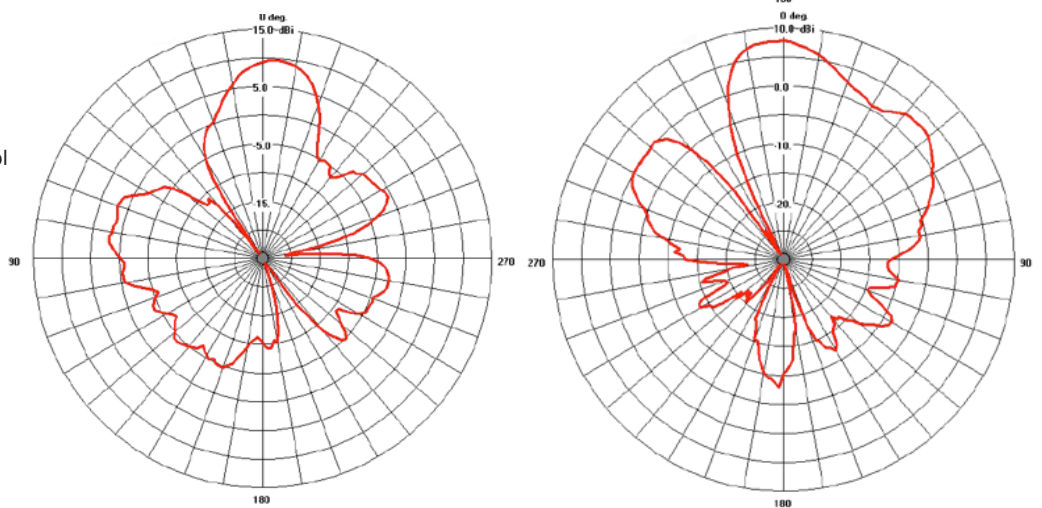
Enclosed Yagi Antenna

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



Americas: +1.847.839.6907
IAS-AmericasEastSales@lairdtech.com
Europe: +44.1628.858941
IAS-EUSales@lairdtech.com
Asia: ++86.21.5855.0827.127
IAS-AsiaSales@lairdtech.com
www.lairdtech.com

IAS-DS-YAGI 0115

Any information furnished by Laird Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird materials rests with the end user, since Laird and its agents cannot be aware of all potential uses. Laird makes no warranties as to the fitness, merchantability or suitability of any Laird materials or products for any specific or general uses. Laird shall not be liable for incidental or consequential damages of any kind. All Laird products are sold pursuant to the Laird Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2015 Laird Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Logo, and other marks are trade marks or registered trade marks of Laird Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird or any third party intellectual property rights.