



**Dual Band 802.11 a/b/g/n Directional Antenna**

Laird Technologies' dual band tri-mode directional antenna allows the customer to install one antenna system and continue to use that one antenna system regardless of the 802.11 mode of operation or frequency band. Your customer can install and use the antenna system for 802.11b or g service today and can continue to use the antenna to support an 802.11a system if they deploy one at some later date. Customers deploying an 802.11b or g system might intend keeping those systems functioning while also deploying an 802.11a system, can deploy some number of them for b/g and at some later date deploy them for 802.11a. They can mix and match as they deploy while maintaining the same aesthetic approach for all of their antennas. Pattern shapes are uniform and symmetrical providing high levels of signal density into defined coverage zones, an important feature for high data rate, high capacity environments such as offices.

Standard cable length is 36" and the standard connector is the reverse polarity TNC. However other coax length and connector alternatives are available as well.

**FEATURES**

- 802.11 a/b/g/n and wide band frequency coverage
- Variety of cable lengths and connectors available
- Fast and easy installation with articulating mount included
- Neutral color and diminutive profile disappears into the environment

**MARKETS**

- Hospital
- Campus
- Research Institute
- Public safety wireless systems
- Transport Terminals

**Dual Band Panel Antenna**

**Specifications**

Part Number:	S24497P5
Frequency:	2.4 - 2.5 & 4.90-5.99 GHz
Gain:	7 dBi
3 dB Beamwidth-Azimuth:	68 °@ 2.5 / 52 °@ 5.5 GHz
3 dB Beamwidth-Elevation:	66 °@ 2.5 / 60 °@ 5.5 GHz
Polarization:	Linear Vertical
VSWR:	2:1
RF Connector:	Reverse TNC
Power Rating:	10 W
Dimensions (mm):	4.1"x 4.1" x 1.5" (104 x 104 x 38)
Weight:	.23 kg
Operational Temperature:	0°C to +55°C
Mount Style:	Wall
RoHS:	Compliant



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Europe: +46-8-555.722-00  
Asia: +886-2-2286-2828

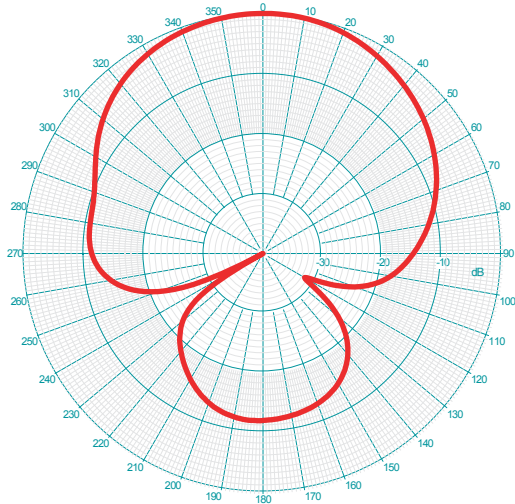
comsales@cushcraft.com  
[www.cushcraft.com](http://www.cushcraft.com)

# S24497P Series

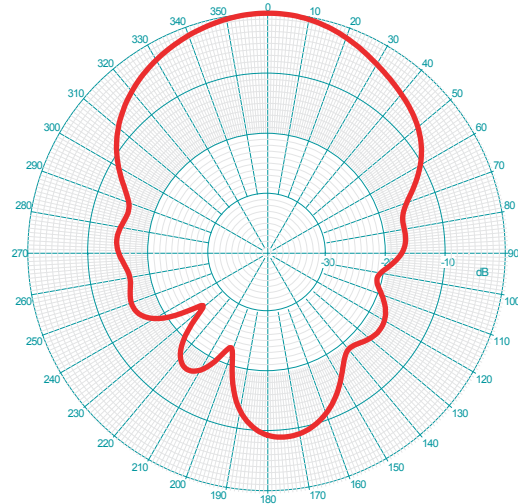
## 2.4-2.5 / 4.9-5.9 GHz 7dBi

### Dual Band, Tri-Mode Directional Panel

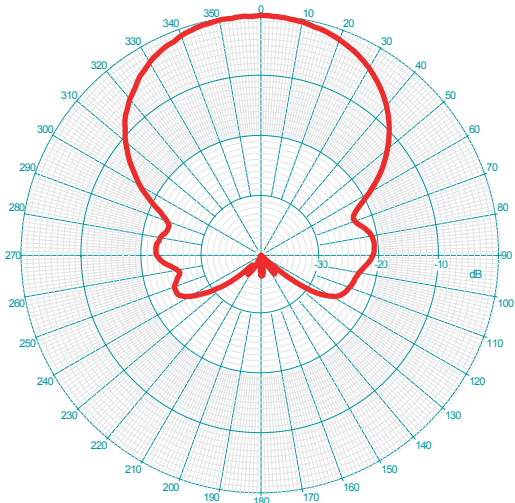
#### Antenna Patterns



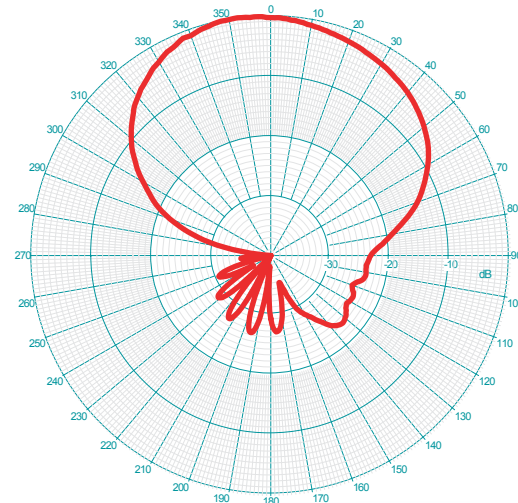
H Plane 2.4 GHz



E Plane 2.4 GHz



H Plane 5.5 GHz



E Plane 5.5 GHz

ANT-SPEC-S24497P-ANT 0109

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