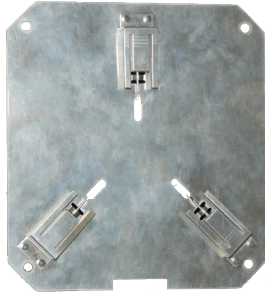


SM24513PUFL

2.4-2.5 / 5.1-5.9 GHz Dual-Band Linear Triangular MIMO Internal Antenna



DUAL-BAND INTERNAL MIMO DIRECTIONAL ANTENNA

Laird's SM24513PUFL is a dual-band, directional internal panel antenna for use in 802.11n MIMO applications. Each of the three MIMO antenna elements can be connected internally to a radio for use as a WLAN Access Point. The radiation patterns are uniform and symmetrical, providing high-level signal density into defined coverage zones. This antenna will greatly enhance the performance of 802.11n systems. The dual-band frequency coverage means that a single type of antenna can be deployed with any MIMO radio in the 2.4-2.5 GHz and 5.1-5.9 GHz bands.

FEATURES

- Low profile
- Polarization diversity
- Designed specifically to support 802.11n networks
- Various connector and board configurations options available
- Performance optimized using Laird Technologies' proprietary RF optimization tools

MARKETS

- Hospital
- Campus
- Research institute
- Transport terminals
- Public safety wireless systems

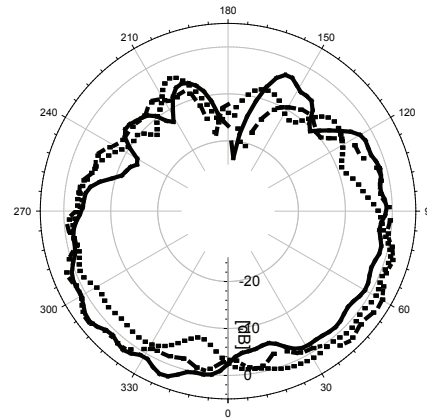
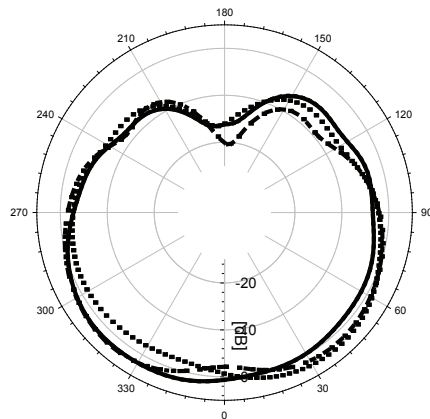
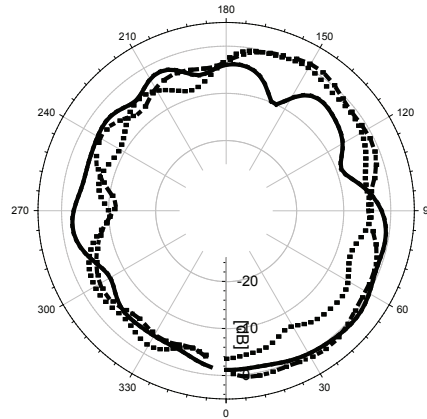
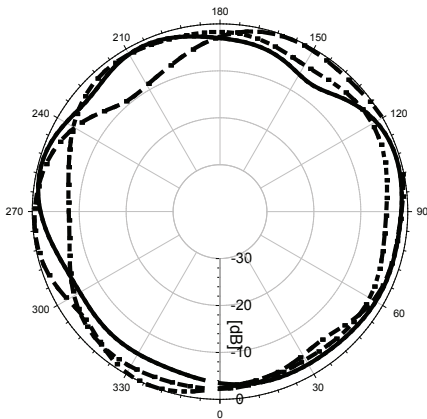
3 X 3 Element Dual-Band Panel Antenna

SPECIFICATIONS	
Part Number:	SM24513PUFL
Frequency:	2.4-2.5 GHz, 5.15-5.875 GHz
Gain:	2 dBi @ 2.4 GHz, 4 dBi @ 5.15 GHz
Polarization:	Linear, triangular MIMO configuration
3 dB Beamwidth-Azimuth:	Omnidirectional
3 dB Beamwidth-Elevation:	120° Typical
Nominal Impedance:	Ω50
VSWR:	2.0:1 (max)
Cable Length (mm):	120
RF Connector:	U.FL (3x)
Power Rating:	1 W
Dimensions (mm):	5.12" x 4.7" x .275" (130 x 120 x .36)
Weight:	.065 kg
Operational Temperature:	0°C to +55°C
Mount Style:	Internal
RoHS:	Compliant

SM24513PUFL Series

2.4-2.5 / 5.1-5.9 GHz Dual-Band Linear Triangular MIMO Internal Antenna

ANTENNA PATTERNS



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

ANT-DS-SM24513PUFL 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.