Smart Technology. Delivered.

S54717P
Wide-Band Panel Antenna



5.5 GHZ WIDE-BAND PANEL ANTENNA

Laird's S54717PNM antenna provides wide-band and high-gain performance in the 5.47 to 5.85 GHz band. The antenna's electrical, mechanical and environmental performance characteristics have been optimized for outdoor Mesh Network applications requiring directivity. The antenna is designed to offer enough gain to meet the requirements of typical directional antenna applications while being small enough to be mounted inconspicuously.

The standard antenna comes with a 12 inches integrated coax pigtail terminated in an N female connector. The antenna can be either wall or mast mounted and directed to provide optimal performance.

FEATURES

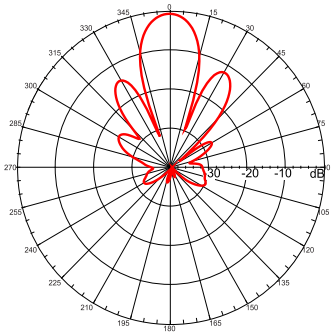
RoHS

- Wide-band, high-gain performance
- Indoor and outdoor use
- Rugged and weatherproof
- Wall or pole mount
- Variety of cable lengths and connectors

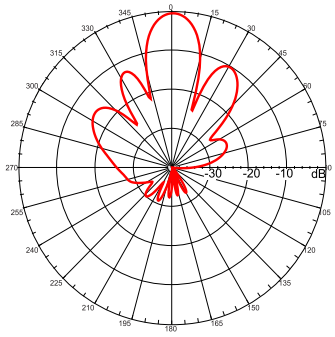
MARKETS

- Campus WLAN systems
- Industrial wireless
- Mesh networks
- Hospital
- Public safety wireless systems
- WiMAX

PARAMETER	SPECIFICATION
Antenna Part Number	S54717P
Frequency Range (GHz)	5.47 - 5.85
Gain (dBi)	17 (nominal)
3 dB Beamwidth - Elevation	17º
3 dB Beamwidth - Azimuth	17º
Polarization	Vertical linear
VSWR	1.5:1
Cable length in. (mm)	12" (304) other lengths available
RF connector	N male (other connectors available)
Power Rating (watts)	10
Radome	Acrylic / PVC
Dimensions in.	6.75x6.75x1.1
Weight lb. (kg.)	.75 (.34 kg)
Operational Temperature (Cº)	-30º to +65º
Mount style	Wall / mast
RoHS:	Compliant



5.66 GHzH Plane



5.66 GHzE Plane

SYSTEM ORDERING

S54717P 5.47-5.85 GHz 17 dBi panel antenna

Americas: +1.847 839.6927
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-S54717P 1115

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 trademarks or registered trademarks 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.