# 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.

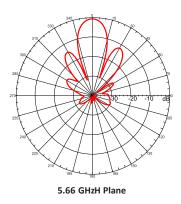
# **FEATURES ✓ RoHS**

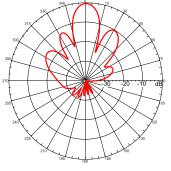
- Wide-band, high-gain performance
- Indoor and outdoor use
- Rugged and weatherproof
- Wall or pole mount
- Variety of cable lengths and connectors

### **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 GHzE Plane

## SYSTEM ORDERING

\$547175.47-5.85 GHz 17 dBi panel antenna

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