



### 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.

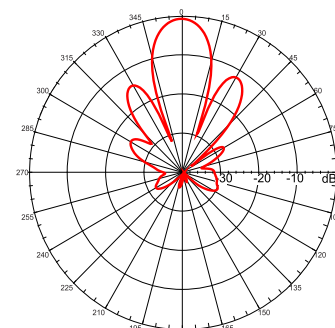
### FEATURES

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

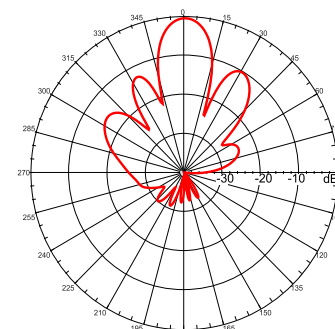
### MARKETS

- 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   | 17°                                 |
| 3 dB Beamwidth - Azimuth     | 17°                                 |
| 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 (C°) | -30° to +65°                        |
| Mount style                  | Wall / mast                         |
| RoHS:                        | Compliant                           |



5.66 GHzH Plane



5.66 GHz E 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](http://www.lairdtech.com)

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