



DIRECTIONAL FLAT PANEL ANTENNA PA9-12

900 MHZ 12 DBI FLAT PANEL ANTENNA

The PA9-12 flat panel directional antenna by Laird offers high-gain in a thin, low-profile package. The antenna is constructed of an off white color UV resistant ASA plastic radome with an aluminum backplate. The antenna can be used in horizontal or vertical polarization. The heavy duty pole mount bracket allows up or down tilt adjustment and the stainless steel hardware assures a long service life. The antenna can be surface mounted or pole mounted. The PA9-12 comes with an integral N female connector standard.

FEATURES

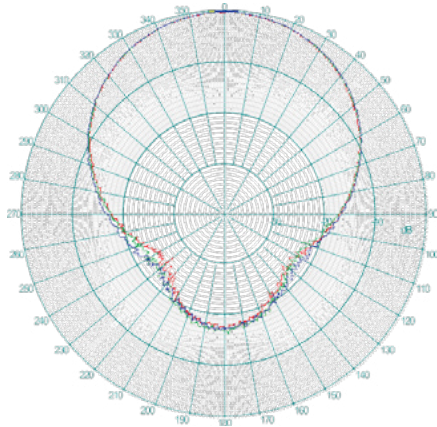
- High gain / low profile
- Pole mount or surface mount
- Rugged IP67 rated weatherproof construction
- Vertical or horizontal polarization

MARKETS

- 900 MHz wireless LAN applications
- WISP client antennas
- RFID applications
- OEM wireless data
- Transport terminals
- WiMAX

| PARAMETER | SPECIFICATION |
|--------------------------|--|
| Part Number | PA9-12 |
| Frequency | 902-928 MHz |
| Gain | 12 dBi |
| 3 dB Beamwidth-Azimuth | 40° |
| 3 dB Beamwidth-Elevation | 55° |
| Polarization | Linear Vertical |
| VSWR | 1.5:1 |
| RF Connector | Type N (f) |
| Power Rating | 10 W |
| Dimensions | 16.2 x 14.7 x 1.4 in (411 x 373 x 36 mm) |
| Weight | 1.36 kg |
| Operational Temperature | -30°C to +70°C |
| Mount Style | Surface / Mast |
| Pole Size | 1 to 2.5 in (25 to 64 mm) |
| RoHS | Compliant |

HORIZONTAL PLANE

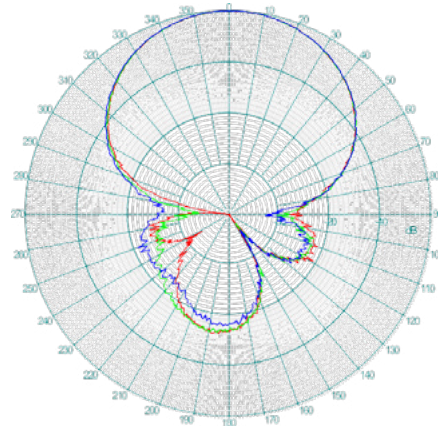


902 MHz

915 MHz

928 MHz

ELEVATION PLANE



TE TECHNICAL SUPPORT CENTER

| | |
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