Laird™

Smart Technology. Delivered.

Broadband Wireless Antenna

S3307BPNF

3.3-3.8 GHz VERTICAL POLARIZATION 9 dBi OMNI-DIRECTIONAL ANTENNA

The Laird S3307BPNF provides omni-directional pattern coverage over the entire 3.3-3.8 GHz frequency. At only 28.2 inches long by 1.75 inches in diameter and weighing in at 1.15 lbs, the antenna can be conveniently mounted to any available mounting platform without causing concern about excessive wind loading or axial torque. The antenna comes complete with mast mounting hardware. The antenna is enclosed in a UV stable radome enclosure that will provide years of use without degradation to either its mechanical properties or aesthetics.

The antenna comes with a heavy-duty, fixed N female connector at the base allowing for the most convenient site integration and weather sealing options. The S3307BPNF is a perfect choice for broadband wireless access providers initially installing omnidirectional sites as they begin the process of building out their systems. Because of the antennas wide bandwidth characteristics, it can be inventoried for eventual use by any carrier using any portion of the 3.3-3.8 GHz frequency band.

FEATURES RoHS

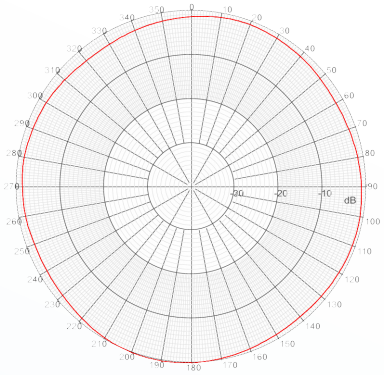
- 9.0 dBi gain
- 3.3-3.8 GHz full band coverage
- Weather proof UV stabile radome
- Mast mounting hardware included
- Slim diminutive profile 28.2 in x 1.75 in

MARKETS

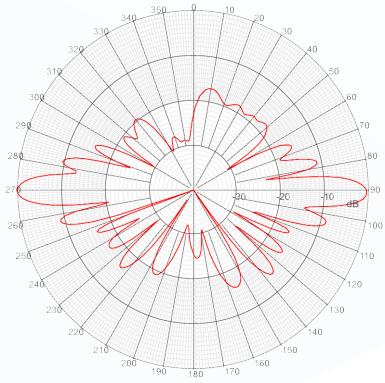
- Broadband wireless access service provider
- Campus, healthcare or transportation terminals
- Stadium, industrial plants, and processing stations
- Low to medium density, tower mounted rural locations
- WiMAX

PARAMETER	SPECIFICATIONS
Frequency range	3.3 - 3.8 GHz
Gain @ 2.5 GHz	9 dBi
Maximum VSWR	2.0:1
3 dB beamwidth - Elevation	8°
Beamwidth - Azimuth	Omni-directional
Polarization	Linear vertical
Lightning protection	DC-grounded
Maximum input power	10 W
Mechanical size	28.2 in x 1.7 in
Antenna Weight	1.15 lbs
Wind survival rating	Operational 100 mph / survival 136 mph
Antenna connection	Type N female
Radome	UV polycarbonate
Mount style	Mast mount
Mounting hardware	Included
Temperature	-40°C to +70°C

H-plane
3.55 GHz



E-plane
3.55 GHz



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