



S3307BPNF

CBRS Broadband Wireless Antenna 3.3-3.8 GHz

S3307BPNF provides omnidirectional pattern coverage over the entire 3.3-3.8 GHz frequency making this an excellent CBRS wireless network solution. At only 28.2 inches long by 1.75 inches in diameter and weighing in at 1.15 pounds, 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 and is enclosed in a UV-stable radome that will provide years of use without degradation to either its mechanical properties or aesthetics.

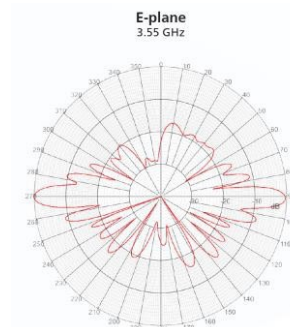
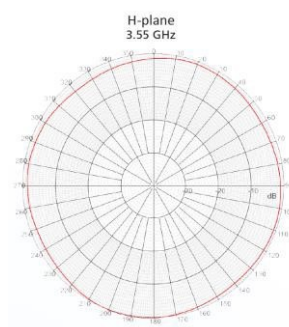
The antenna comes with a heavy-duty, fixed N female connector at the base allowing for the most convenient site integration and weather sealing options. The S3307BPNF is a perfect choice for broadband wireless access providers initially installing omnidirectional sites as they begin the process of building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

FEATURES AND BENEFITS

- 9.0 dBi gain
- 3.3-3.8 GHz full band coverage
- CBRS coverage
- Weatherproof UV stable radome
- Mast mounting hardware included
- Slim diminutive profile 28.2 in x 1.75 in

APPLICATIONS

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



ELECTRICAL SPECIFICATION

Model Name	S3307BPNF
Operating Frequency (GHz)	3.3 – 3.8
VSWR – Max	2.0:1
Peak Gain (dBi)	9.0
Max Power - Ambient 25°C (W)	10
Polarization	Linear vertical
Vertical Plane 3 dB Beamwidth	8°
Horizontal Plane 3 dB Beamwidth	Omnidirectional

MECHANICAL SPECIFICATION

Dimensions – cm (inches)	71.63 x 4.32 (28.2 x 1.7)
Weight – kg (lbs.)	(1.15)
Radome Material	UV polycarbonate
Mount Style	Mast mount
Mounting Hardware	Included
Lightning Protection	DC-grounded

ENVIRONMENTAL SPECIFICATION

Ingress Protection Rating	IP66
Material Substance Compliance	RoHS

CONFIGURATION

PART NUMBER	CONNECTOR
S3307BPNF	Type N female

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