

Z2079 2.4 GHz Fiberglass Omnidirectional Antenna



2.4 GHz ISM Omnidirectional Base Station Antenna

The Z2079 wireless broadband omnidirectional antenna is designed to provide maximum performance and reliability under the toughest wather conditions. The antenna features a UV stable, vented radome that provides ultimate protection against the weather elements. The antenna includes an aluminum extruded bracket for mast mounting.

General Specifications:

Omnidirectional base station antenna

Radome Material:

UV resistant pultruded fiberglass

Polarization:

Vertical

Nominal Impedance:

50 Ohms

Mounting Base Diameter:

1.25 inches

Mounting Method:

Aluminum extruded mast mounting bracket

Termination:

Reverse polarity N female jack

Features and Benefits:

- UV stable, pultruded fiberglass radome withstands harsh weather conditions in outdoor installations.
- Vented system design provides reliable performance by protecting the electrical design against moisture or extreme temperatures.
- Thread relief on connector provides improved accessibility for taping reducing installation time and improving overall effectiveness.
- Internal O-ring seal in the base of the antenna with integrated connector at the base. Assures a watertight seal to prevent water from migrating into the antenna connector.

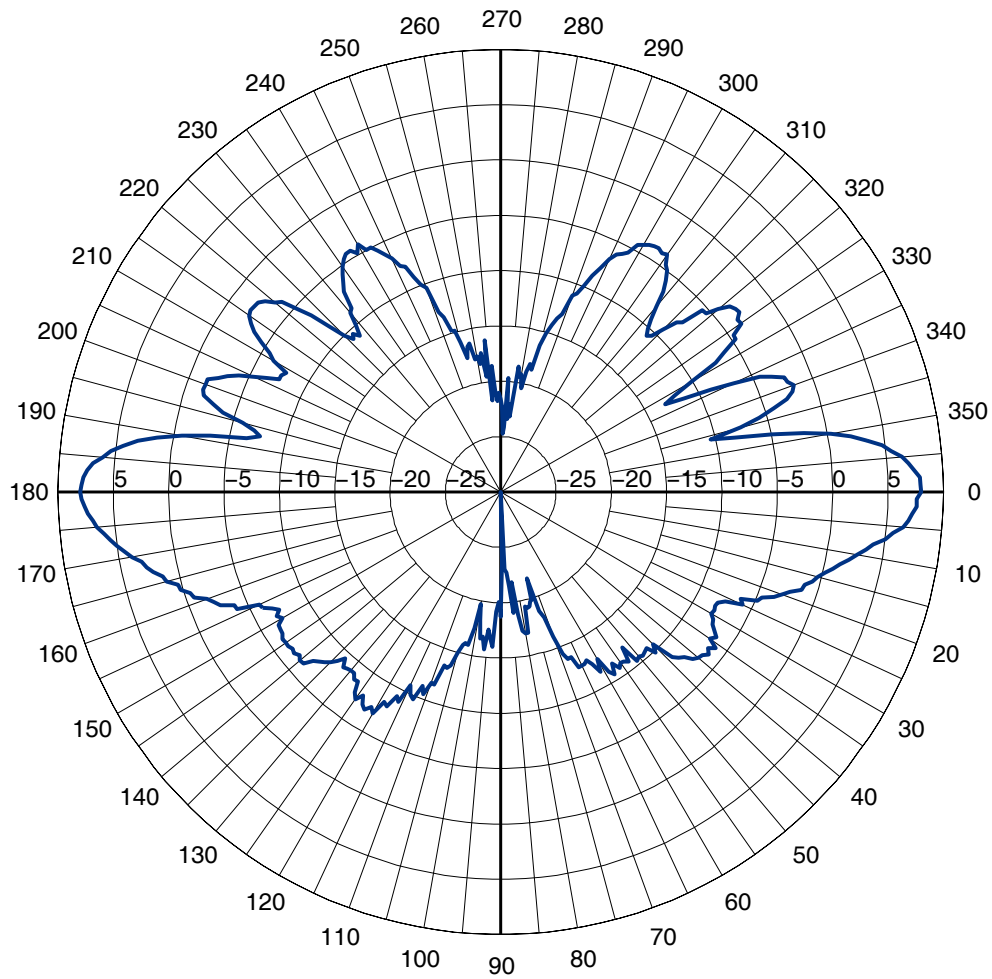


Electrical Specifications

Model #	Frequency Range	Gain	Bandwidth @ 1.5:1 VSWR	Vertical Beamwidth @ 1/2 Power	VSWR	Maximum Power
Z2079	2400-2483.5 MHz	8 dBi	100 MHz	13°	< 1.5:1	25 Watts

Mechanical Specifications

Model #	Wind Survival	Equivalent Flat Plate Area	Lateral Thrust @ Rated Wind	Bending Moment @ Rated Wind	Height	Weight
Z2079	125 mph	.06 ft ²	5.2 lbs	4.4 ft-lbs	20.2" (513.1 mm)	0.5 lbs (0.226 kg)



Z2079 Elevation Cut