

Z1996 – Dualband Base Station Omnidirectional Antenna

The Z1996 is designed to cover frequencies from 2.4 to 2.484GHz and 5.1 to 5.85GHz. This antenna features a U.V. stable, plastic radome that is ideal for outdoor applications.

General Specifications:

Omnidirectional Base Station
Antenna

Radome Material:

White UV stable plastic

Impedance:

50 Ohms (nominal)

Polarization:

Vertical Linear

Mounting Method:

Pipe Mount

Termination:

N Female

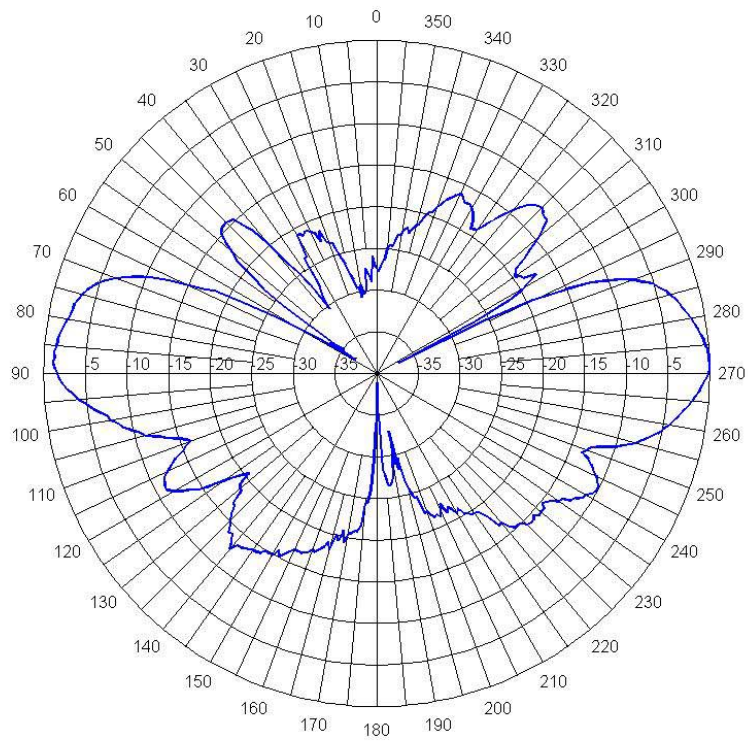
Electrical Specifications:

| Frequency Range | Nominal Gain | H-plane Beamwidth | E-plane Beamwidth | Connector | VSWR | Max. Input Power |
|-----------------|--------------|-------------------|-------------------|-----------|---------|------------------|
| 2.4 – 2.484GHz | 6 dBi | 360° (omni) | 22° | N Female | < 2.0:1 | 25 Watts |
| 5.15 – 5.85GHz | 8 dBi | 360° (omni) | 15° | | < 2.0:1 | |

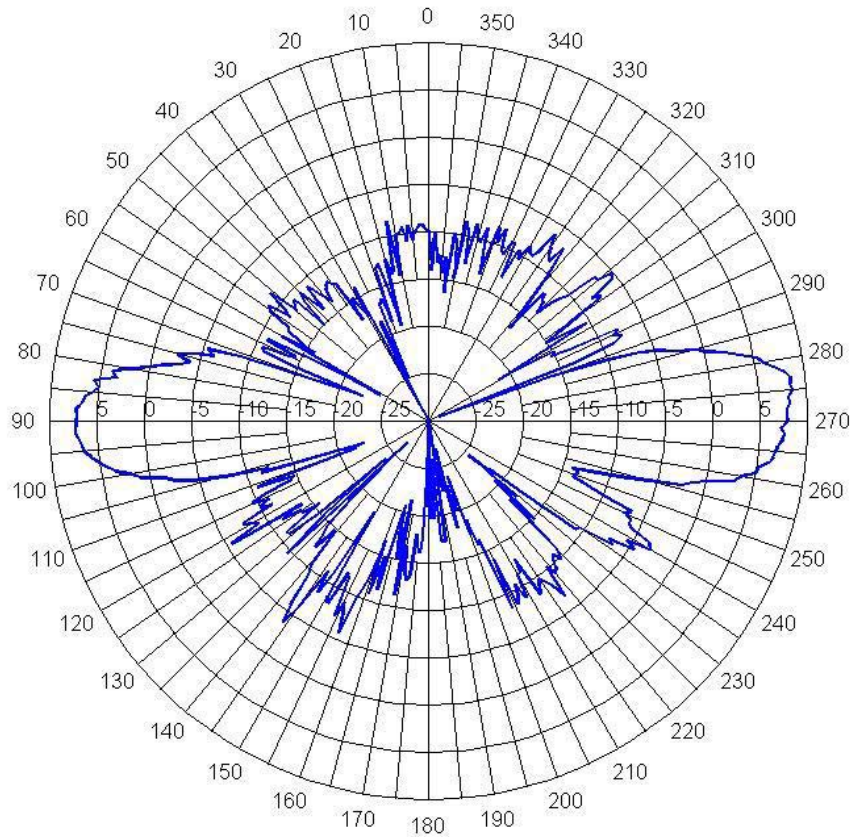
Mechanical Specifications:

| Wind Survival | Equivalent Flat Plate Area | Lateral Thrust @ Rated Wind | Bending Moment @ Rated Wind | Height | Weight |
|---------------|----------------------------|-----------------------------|-----------------------------|--------|----------|
| 125 mph | 0.12 ft | 10.6 lbs | 12.8 ft-lbs | 26" | 0.50 lbs |

Z1996 Elevation Plane Radiation Patterns



2.4GHz



5GHz