

**2.4 GHz
ISM Band
Omni-
Directional
Antennas**

PHAZAR™
WIRELESS ANTENNAS

- ISM360-2400-6-T0-N
- ISM360-2400-11-T0-N
- ISM360-2400-8-T0-N
- 1 To 4 Degrees Downtilt

These lightweight but rugged antennas are excellent choices use in the low power ISM band. Offering exceptional value and service, The E-5030 family provides good gain characteristics, moderate cost, and superb coverage.

The E-5030 series offers the system operator a choice of gain to accommodate a variety of requirements and situations. Each is a collinear design fabricated from the latest of low loss microwave dielectric materials and pure copper radiating elements. Models are available with both N-male and -female connectors to allow for direct connection to system equipment, thus avoiding feed line losses.

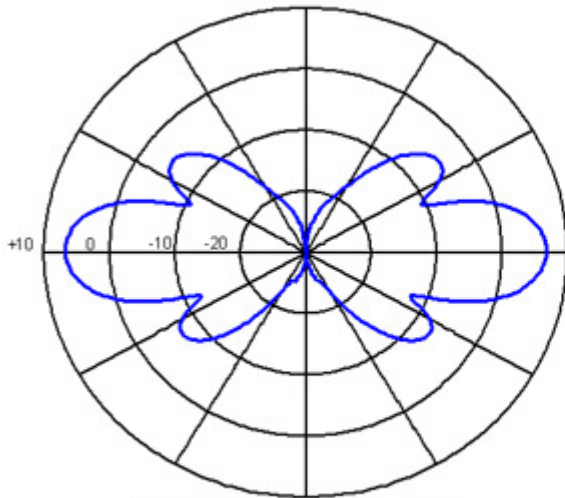
The E-5030 Series has been designed to provide low side lobes, improving coverage on the horizon. Each model has been optimized for aperture efficiency, resulting in minimum length for its gain point.

Each antenna is in a sleek white UV resistant radome that blends well in many mounting locations.

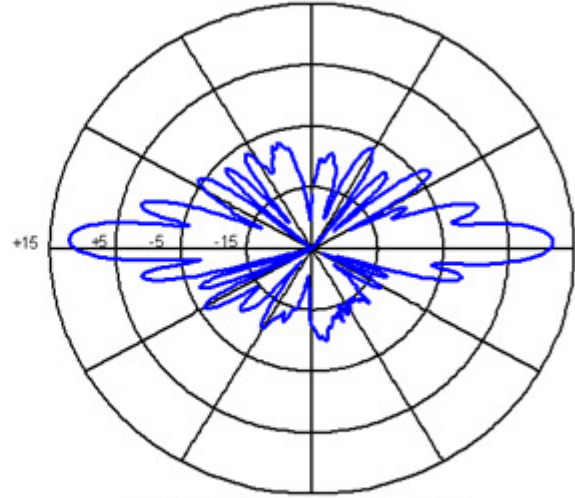
Other frequency ranges can be provided. Contact the factory for details.

ISM360-2400 SERIES SPECIFICATIONS

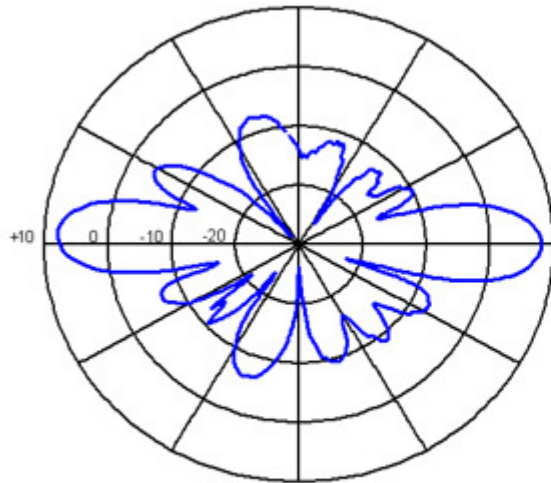
SPECS	PERFORMANCE
Frequency Range	2.4-2.5 Ghz
VSWR, Typical/Maximum	1.8/2.0
Polarization	Vertical
Max Power Input	100 Watts
Pattern	Omni-Directional
2400-6 Gain	6 dBi, 13.0 Inches
2400-8 Gain	8 dBi, 18.8 Inches
2400-11 Gain	11 dBi, 37.0 Inches
2400-6 Length x Diameter, Inches	13 x 1.0
2400-8 Length x Diameter, Inches	18.8 x 1.0
2400-11 Length x Diameter, Inches	37 x 1.75
2400-6 Connector	Type N Male
2400-8 Connector	Type N Female
2400-11 Connector	Type N Female
Wind Rating	120 MPH Sustained



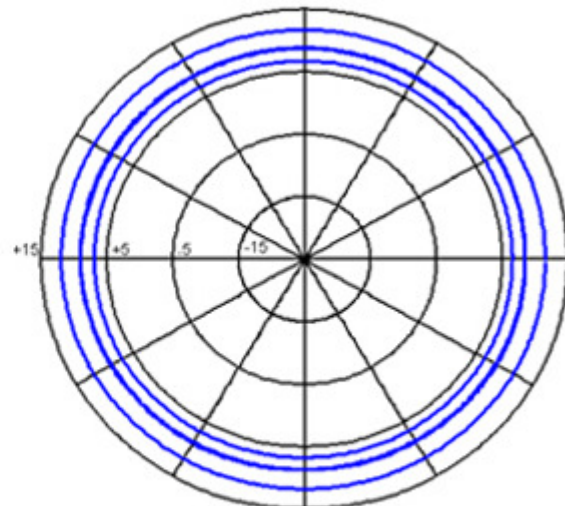
ISM360-2400-6 Elevation Pattern



ISM360-2400-11 Elevation Pattern



ISM360-2400-8 Elevation Pattern



ISM360-2400 Series Azimuth Patterns