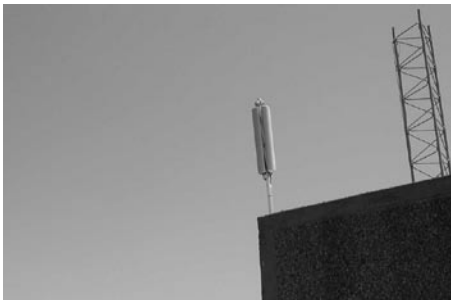

The MSO24014PTNF's mount design allows mast or tower leg mounting for greater flexibility when tower space availability is limited.

MSO24014PTNF

2.4 GHz ISM All Terrain Sectorized Omnidirectional Antenna

The MSO24014 all-terrain adjustable omnidirectional antenna allows sector adjustments of up to +/- 15 degrees, permitting installers to contour the coverage area according to the specific geographic conditions of the territory. For applications with more specific coverage demands this antenna offers various azimuth (horizontal plane beamwidth) pattern options optimized to address differing coverage, cost control and tower space limitation challenges. As the subscriber base grows, they can accommodate increased throughput capacity without the need to replace the antenna.

Features

- Increased system capacity
- Superior isolation
- Electrical and mechanical beamtilt adjustments
- Pattern selectivity
- Mounting flexibility
- Downtime reduction

MAXRAD

Technical Data

General Specifications: 2. 4 GHz ISM sectorized omnidirectional antennas
Maximum Power: 50 watts**
Polarization: Vertical
Normal Impedance: 50 ohms
VSWR: < 1.5:1
Radome Material: ASA-ABS, UV resistant
Lightning Protection: DC grounded
Cable: 18" Pro-Flex™ Plus 195
Termination: N, female connector at power divider input
Mounting Method: Center pipe mount (1.25" OD pipe included) or direct tower leg mount
Pattern Shaping Kits: Standard omnidirectional. Power divider is included. Other options are available*** Consult the factory for details.

For detailed specifications, visit **http://antenna.pctel.com**.

**** Power limitation of power divider 10 watts.**
***** Optional patterns require use of one radio.**

Antenna Electrical Specifications

Model	Frequency Range	Nominal Gain	Bandwidth @ 1.5:1 VSWR	Power Divider
MSO24014NF	2400-2500 MHz	14 dBi*	16°	3-way equal split

Mechanical Specifications

Model	Dimensions	Weight (Mass)	Temperature Range	Wind Survival
MSO24014NF	19.75” x 5” OD (501 L x 127 mm OD)	8 lbs (3.6 kg)	-42°C to +75°C	125 mph (200 km/hr)

*** Antenna gain specified when sectors are fed individually.**