RADIOWAVES
"THE RF EXPERTS"

Radio Waves, Inc. • 101 Billerica Ave, Bldg. # 4, N. Billerica MA 01862 USA
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Ken Ruppel
Glenayre Western Multiplex.
1196 Borregas Ave.
Sunnyvale, CA 94089-1302

Ken,

The omnidirectional antennas, model OMN-H-5-8, sent to you earlier this month for your FCC UNII testing were measured in accordance to your request. At 5.3 GHz they each measured 2.9 dB return loss. 2.9 dB return loss equates to a 6:1 VSWR, which indicates a 3.1 dB reduction in gain at this frequency (compared to operation at 5.8 GHz). Our specified performance at 5.8 GHz is 8 dBi gain, therefore, the gain of these antennas is just below 5 dBi at 5.3 GHz.

Sincerely,

Craig Collins
Sales Manager

RADIOWAVES
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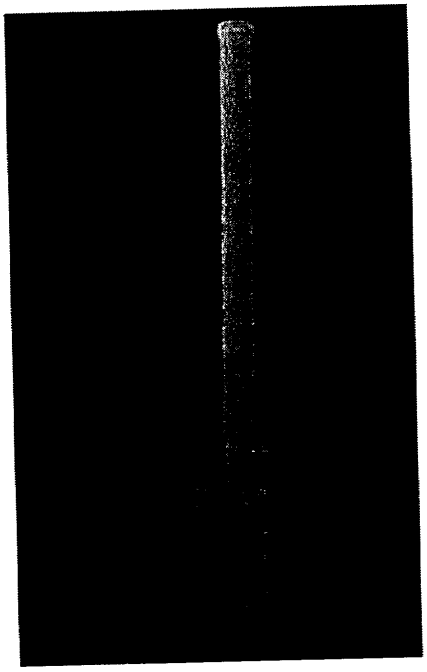
5.725-5.850 GHz ISM Band Omnidirectional Antenna, Horizontal Polarization

Key Features

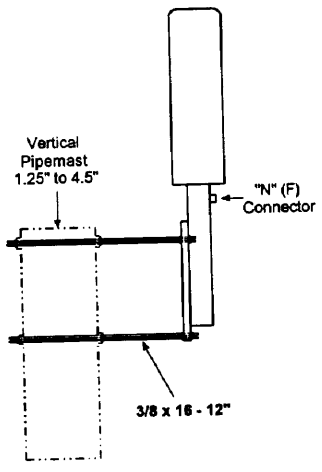
- Lightweight design.
- Low windloads.
- Easily installed.
- Connector Interface: Type "N" female.
- Horizontal polarization.
- Antenna mounts to a 1.25" to 4.5" diameter pipe mast.
- Standard color white, other colors available on request.

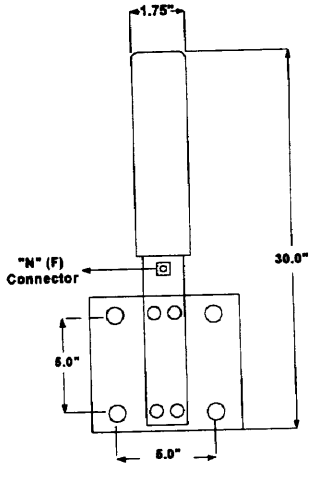


Antenna Specifications, Electrical (typical)

Model #	OMN-H-5-8
Frequency, GHz	5.725 - 5.850
Polarization	Horizontal
Gain, dBi	8 dBi
Beamwidth -3dB	
Azimuth	360 degrees
Elevation	14 degrees
X-Pol.	-30 dB
VSWR, Max	1.7:1
RF Interface	Type "N" female

Note: Specifications may change without notice.





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