



MP Antenna, LTD.
147 Eady Court
Elyria, Ohio 44035

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www.mpantenna.com
sales@mpantenna.com

Part Number: 08-ANT-1096

model number: Various
product description: 4.4-5GHz Ground Plane Mount Omni Antenna

Electrical Data

frequency range:	4.4-5GHz	environmental cond.:	Outdoor
gain:	4.5dBi	operation temperature:	-40 to 85 deg C
vswr:	<1.5:1	storage temperature:	-40 to 85 deg C
horizontal pattern type:	Omni Directional	transport temperature:	-40 to 85 deg C
vertical patter type:	Hemispheric	IP Rating:	IP67
ground plane:	External Required	RoHS - REACH	Compliant
min ground plane :	3.0 in Recommended		

Environmental Data

General Data

color:	Black or White	length:	1.0 in
antenna feeds:	One	width:	1.0 in
coax length:	Director Connector or 1-15ft	height:	1.2 in
coax type:	200 Series	total height:	See Drawing
connector type:	Various	mounting type:	Thru Hole
polarization:	Multi-Polarized	hardware included:	Nut and Lockwasher
power:	50 Watts Input		
impedance:	50 ohms Nominal		
construction:	UV Stabilized ASA		

Mechanical Data

*** With built in spatial and polarization diversity, performance in obstructed environments is greater than that of standard antennas with similar or higher laboratory gains.**





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Frequency: 4.7GHz
Ground Plane Diameter: 3.0 in
Max Gain: 4dBi

Elevation Patterns for Different Size Ground Planes
Frequency: 4.7GHz
Max Gain: See Graph

