



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

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www.mpantenna.com  
sales@mpantenna.com

**Part Number: MP0928**

model number: MP0928-3X-HD

product description: Impact Resistant 5.8GHz Omni Antenna

**Electrical Data**

frequency range:	4.9-6GHz	environmental cond.:	Outdoor
gain:	6dBi *	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:	Built In	RoHS - REACH	Compliant
min ground plane:	N/A		

**Environmental Data**

**General Data**

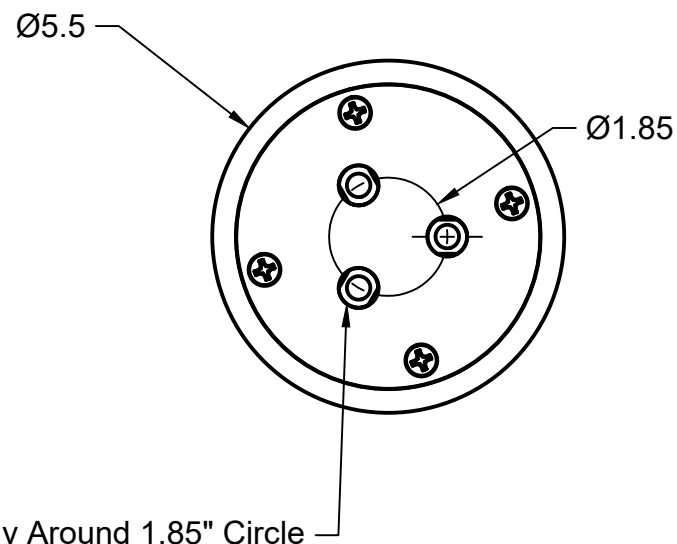
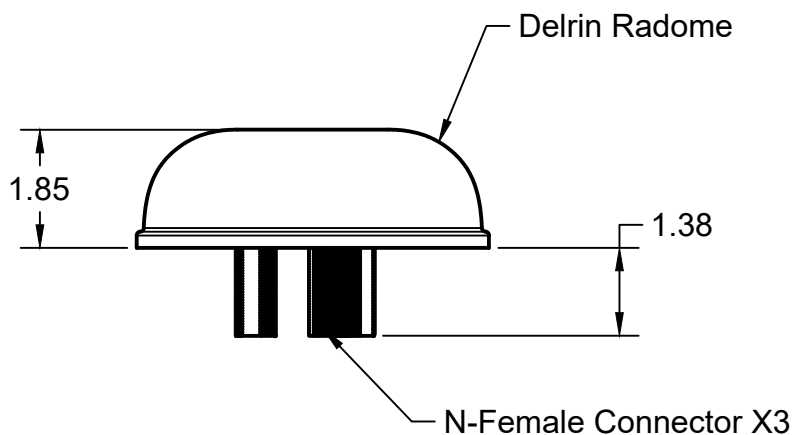
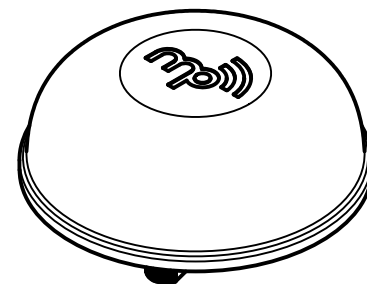
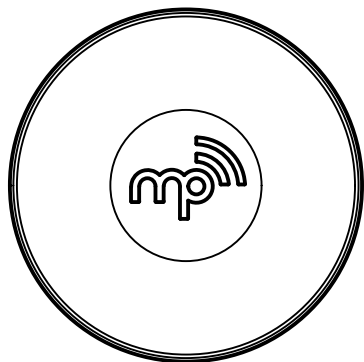
color:	Black	length:	5.5 in
antenna feeds:	Three	width:	5.5 in
coax length:	N/A	height:	1.8 in
coax type:	N/A	total height:	3.2 in
connector type:	N-Female	mounting type:	Surface Mount
polarization:	Multi-Polarized	hardware included:	Nuts and Washers
power:	50 Watts Input		
impedance:	50 ohms Nominal		
construction:	Impact Resistant Delrin		

**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.**



Frequency Range	Max Mounting Surface Thickness	Mounting Hole Diameter/Distance	Connector Type	Feeds	Color
4.9-6 GHz	0.60 Inches	$\frac{5}{8}$ " Diameter, 1.85 Inch Circle Spacing	N-Female	3	Black



Note:

1. Mounting Hardware Included
2. Built in Ground Plane

N-Female Connectors Spaced Evenly Around 1.85" Circle

MP ANTENNA, LTD. 147 Eady Court Elyria, Ohio 44035 www.mpantenna.com	THIRD ANGLE  DIMENSIONS ARE IN INCHES		<b>PROPRIETARY AND CONFIDENTIAL</b> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MP ANTENNA, LTD. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MP ANTENNA LTD IS PROHIBITED.	<b>DESCRIPTION:</b>  4.9-6 GHz 3 Feed Heavy Duty Omni Antenna	<b>PART NO.</b>  MP0928-3X-HD
		NAME	DATE		
	DRAWN	BM	4/14/2020		



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Frequency: 5.8 GHz  
Max Gain: 6dBi

