



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

440.387.5968 phone
440.545.3500 fax
www.mpantenna.com
sales@mpantenna.com

Part Number: MP0923

model number: MP0923-3X-HD

product description: Impact Resistant 2.4GHz Omni Antenna

Electrical Data

Environmental Data

frequency range: 2-3GHz	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	

General Data

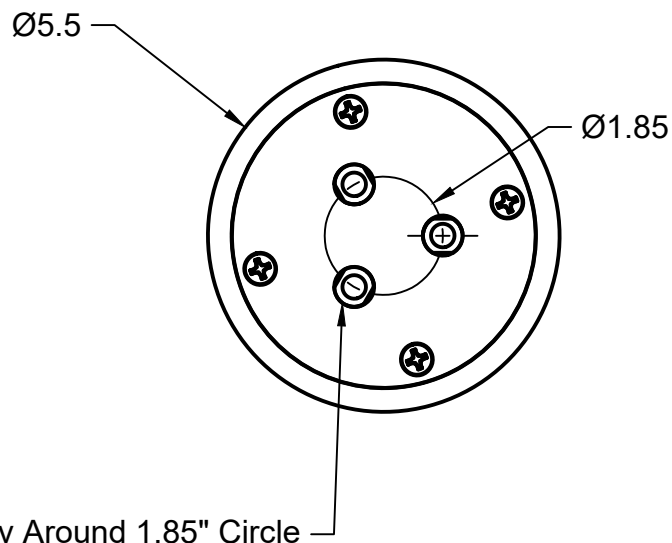
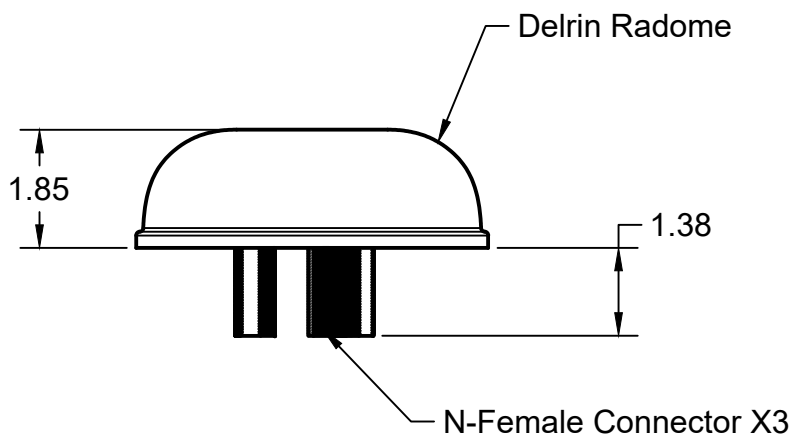
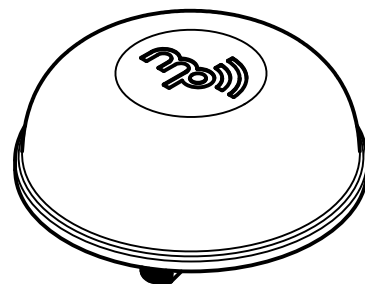
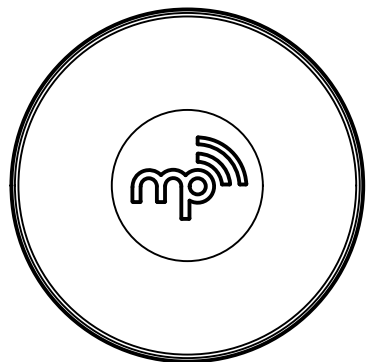
Mechanical Data

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	

*** 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
2-3 GHz	0.60 Inches	$\frac{5}{8}$ " Diameter, 1.85 Inch Circle Spacing	N-Female	3	Black

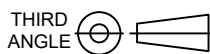


Note:

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



DIMENSIONS
ARE IN INCHES

	NAME	DATE
DRAWN	BM	4/14/2020

PROPRIETARY AND CONFIDENTIAL
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.

DESCRIPTION:

2.4GHz Band 3 Feed Heavy
Duty Omni Antenna

PART NO.

MP0923-3X-HD



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

440.387.5968 phone
440.545.3500 fax
www.mpantenna.com
sales@mpantenna.com

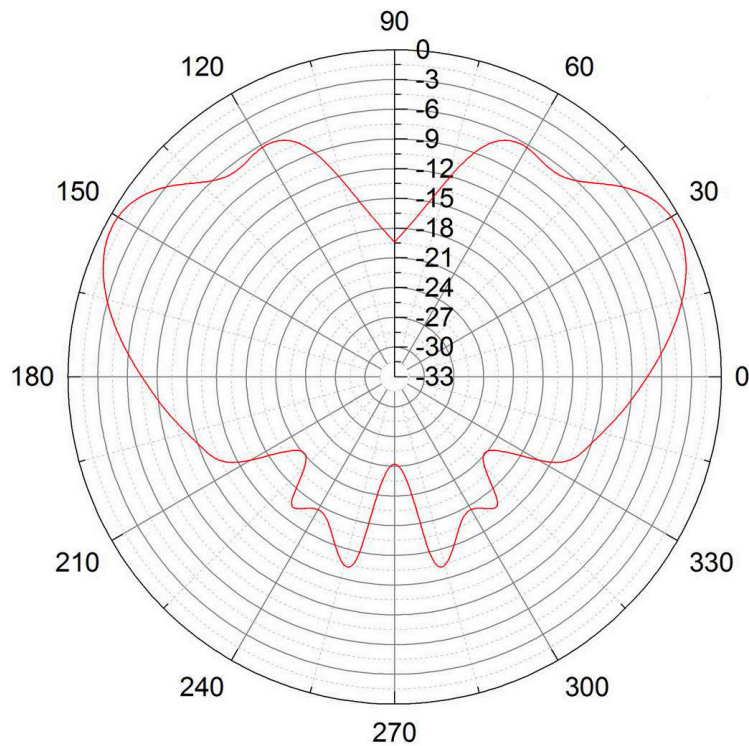
Part Number: MP0923

model number: MP0923-3X-HD

product description: Impact Resistant 2.4 GHz Omni Antenna

Frequency: 2.45 GHz
Max Gain: 6dBi

Elevation



Azimuth

