



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: MP-R-7XB-1222333-USB-M

model number: MP-R-7XB-1222333-USB-M
product description: Multi-Band Omni Rugged WiFi Antenna

Electrical Data

frequency range:	2-3GHz, 4.9-6GHz, GPS
gain:	6dBi
vswr:	<1.5:1
horizontal pattern type:	Omni Directional
vertical patter type:	Hemispheric
ground plane:	Built In
min ground plane:	N/A

Environmental Data

environmental cond.:	Outdoor
operation temperature:	-40 to 85 deg C
storage temperature:	-40 to 85 deg C
transport temperature:	-40 to 85 deg C
IP Rating:	IP67
RoHS - REACH	Compliant

General Data

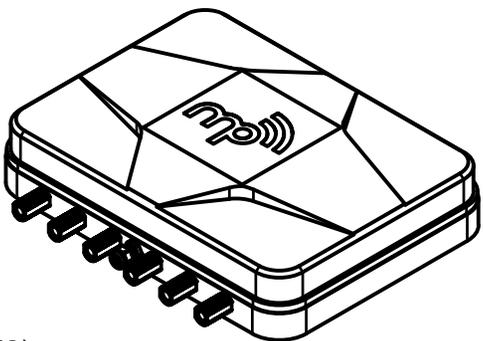
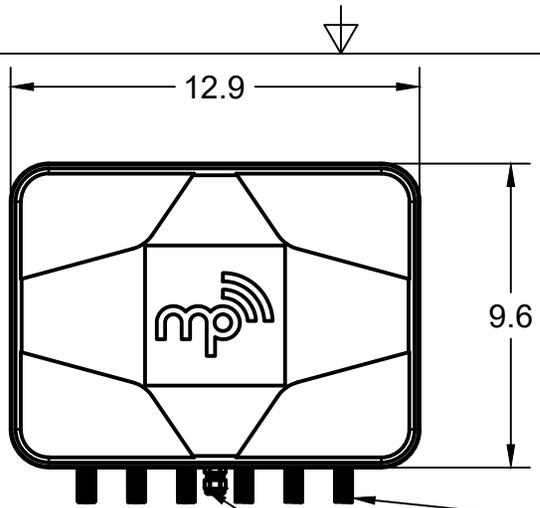
color:	Black
antenna feeds:	Seven
coax length:	N/A
coax type:	N/A
connector type:	N-Female
polarization:	Multi-Polarized
power:	50 Watts Input
impedance:	50 ohms Nominal
construction:	Impact Resistant Delrin

Mechanical Data

length:	13 in
width:	11 in
height:	3 in
weight:	8 lbs
hardware included:	N/A

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

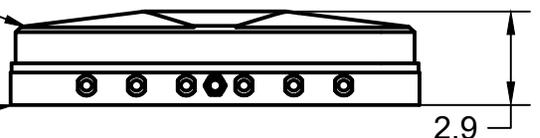




N-Female (X6)

GPS USB Cable Port

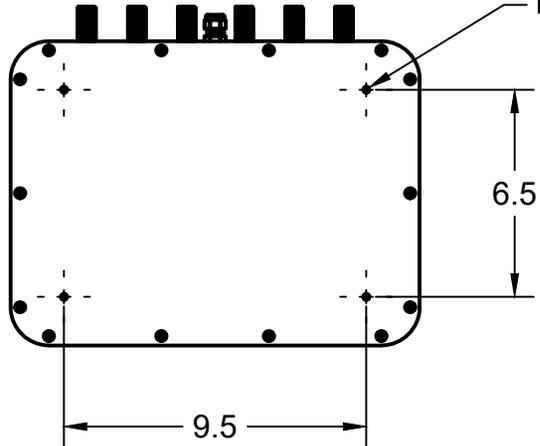
Heavy Duty Machined
Delrin Radome
(Color: Black)



Aluminium Base

2.9

M6x1.0 (X4) Mounting Holes



6.5

9.5

- FEED ONE: 2GHz-3GHz
- FEED TWO: 2GHz-3GHz
- FEED THREE: 2GHz-3GHz
- FEED FOUR: 4.9GHz-6GHz
- FEED FIVE: 4.9GHz-6GHz
- FEED SIX: 4.9GHz-6GHz
- FEED SEVEN: GPS

MP ANTENNA, LTD. 147 Eady Court Elyria, Ohio 44035 www.mpantenna.com	THIRD ANGLE  DIMENSIONS ARE IN INCHES		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: 7 Feed Rugged Multi-Band Antenna	PART NO. MP-R-7XB-1222333-USB-M	
		NAME				DATE
	DRAWN	SH				3/25/2020





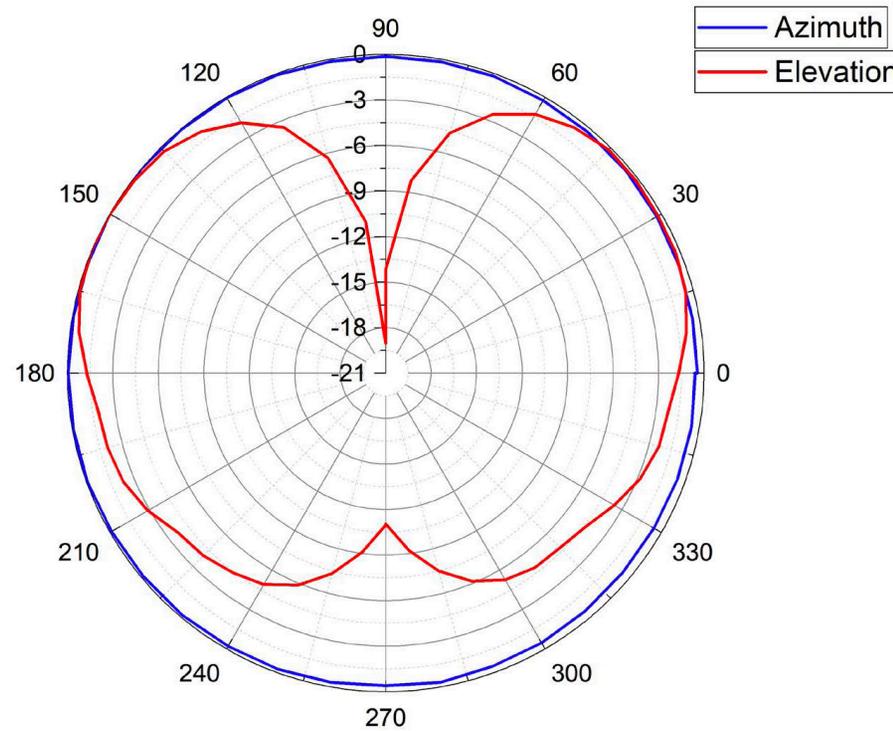
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Part Number: MP-R-7XB-1222333-USB-M

model number: MP-R-7XB-1222333-USB-M
product description: Multiband Omni Rugged WiFi Antenna

Frequency Feed One, Two & Three: 2.45GHz
Max Gain: 6dBi





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Part Number: MP-R-7XB-1222333-USB-M

model number: MP-R-7XB-1222333-USB-M
product description: Multiband Omni Rugged WiFi Antenna

Frequency Feed Four, Five & Six: 4.95GHz
Max Gain: 6dBi

