



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: 08-ANT-0918**

model number: 08-ANT-0918  
product description: 740-870MHz Mobile Omni Directional Antenna

**Electrical Data**

frequency range:	740-870MHz	environmental cond.:	Outdoor
gain:	5.2dBi	operation temperature:	-40 to 85 deg C
vswr:	<1.7:1	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:	Not Included	RoHS - REACH	Compliant
min ground plane :	N/A		

**Environmental Data**

**General Data**

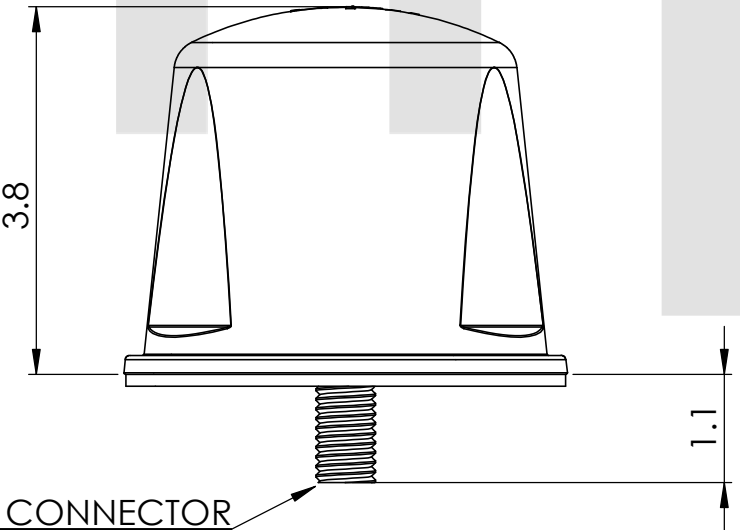
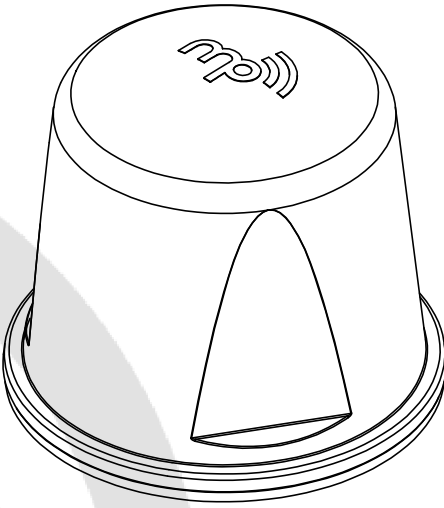
color:	Black or White	length:	4.5 in
antenna feeds:	One	width:	4.5 in
coax length:	N/A	height:	4 in
coax type:	N/A	mounting type:	Surface
connector type:	N-Female	hardware included:	Antenna Only
polarization:	Multi-Polarized	weight:	8 oz
power:	50 Watts Input		
impedance:	50 ohms Nominal		
construction:	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.**



FREQUENCY RANGE	MOUNTING HOLE DIAMETER	MAX MOUNTING SURFACE THICKNESS	COLOR
740-870 MHz	0.65 INCHES MIN 1.0 INCHES MAX	0.125 INCHES	BLACK



MOUNTING HARDWARE

5/8 LOCK WASHER

0.75 HEX

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THIRD ANGLE	DIMENSIONS ARE IN INCHES	
	NAME	DATE
DRAWN	BM	12/30/14

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740-870 MHz OMNI

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model number: 08-ANT-0918  
product description: 740-870MHz Mobile Omni Directional Antenna

Frequency: 805MHz  
Max Gain: 5.2dBi

