



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

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

Model: Bi-Directional 5GHz Antenna

item part number: 08-ANT-0974
product description: 4.9-6GHz Bi-Directional Antenna

Electrical Data

frequency range:	4.9-6GHz
gain:	8dBi *
vswr:	<1.5:1
horizontal pattern type:	Directional
vertical patter type:	Directional
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:	White
antenna feeds:	one
coax length:	Various
coax type:	Low Loss 200 Series
connector type:	Various
polarization:	Multi-Polarized
power:	50 Watts Input
impedance:	50 ohms Nominal
construction:	UV Stabilized ASA

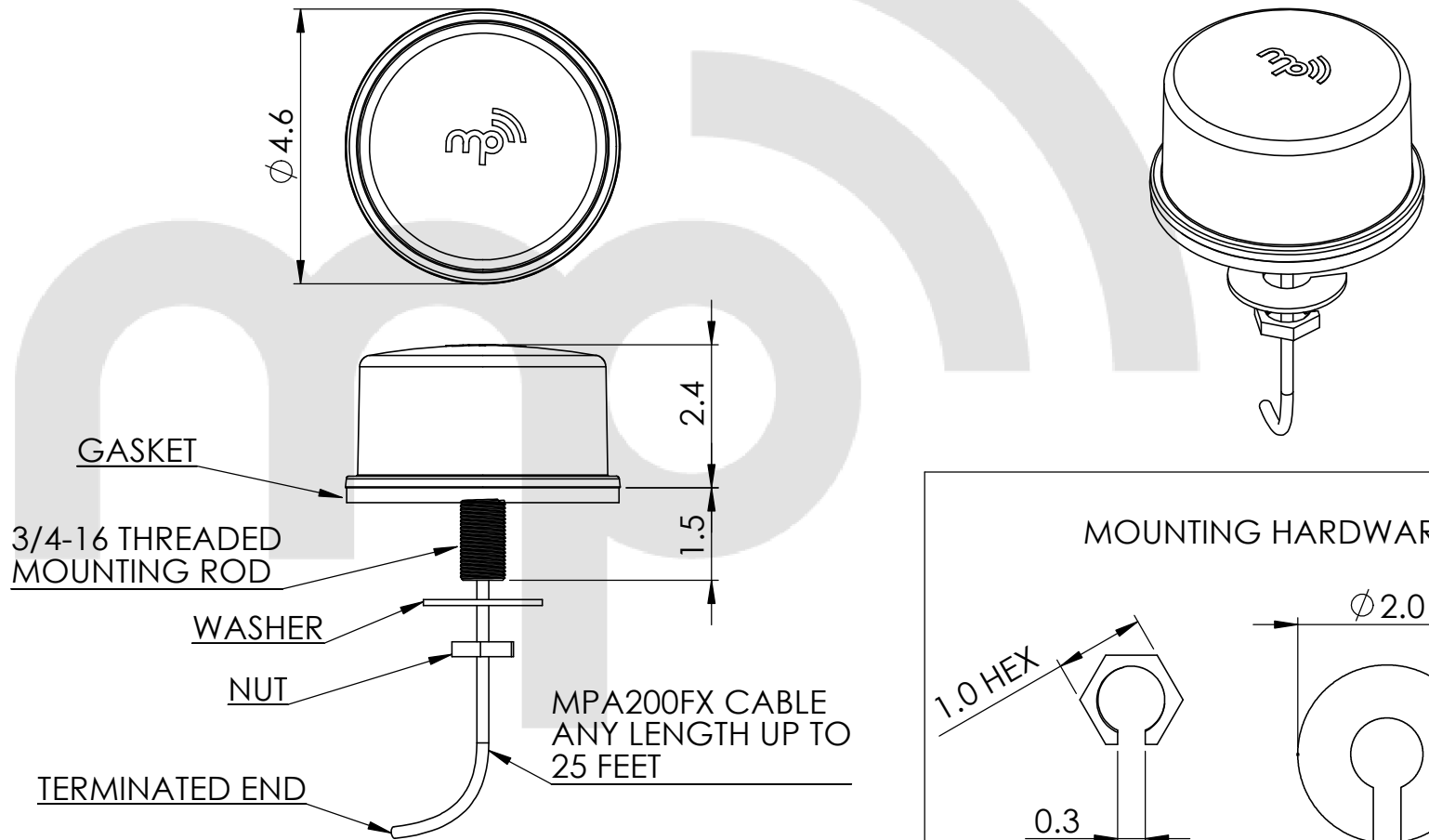
Mechanical Data

length:	4.5 in
width:	4.5 in
height:	2.5 in
total height:	See Drawing
mounting type:	3/4in Stud Mount
hardware included:	Nut and Washer

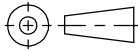
*** With built in spatial and polarization diversity, performance in obstructed environments is greater than that of standard antennas with similar or higher laboratory gains.**



FREQUENCY RANGE	CONNECTOR	MINIMUM MOUNTING HOLE DIAMETER	MAX MOUNTING HOLE DIAMETER	MAX MOUNTING SURFACE THICKNESS	COLOR
4.9-6 GHz	SEE BUILD SHEET FOR AVAILABLE CONNECTORS	0.76 INCHES	1.25 INCHES	1.0 INCHES WITH 1.5 INCH LONG THREADED ROD	WHITE OR BLACK



NOTE:
DRAWING SHOWS 1.5" THREADED ROD, OTHER THREADED ROD LENGTHS ARE AVAILABLE

MP ANTENNA, LTD. 147 Eady Court Elyria, OH 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: BI-DIRECTIONAL 5 GHz ANTENNA	PART NO. 08-ANT-0974 LINE OF ANTENNAS CONTACT SALES FOR SPECIFIC PART NUMBER	
		NAME				DATE
	DRAWN	BM				10/5/15



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

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

Model: Bi-Directional 5GHz Antenna

Item part number: 08-ANT-0974
product description: 4.9-6 GHz Bi-Directional Antenna

Frequency: 5 GHz
Max Gain: 8dBi

