



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: MPL1800

model number: Various
product description: 1800MHz Omni Directional UAV Drone Antenna

Electrical Data

Environmental Data

frequency range: 1780-1850MHz	environmental cond.: Outdoor
gain: 3dBi	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: Full	IP Rating: IP67
ground plane: Built In	RoHS - REACH Compliant

General Data

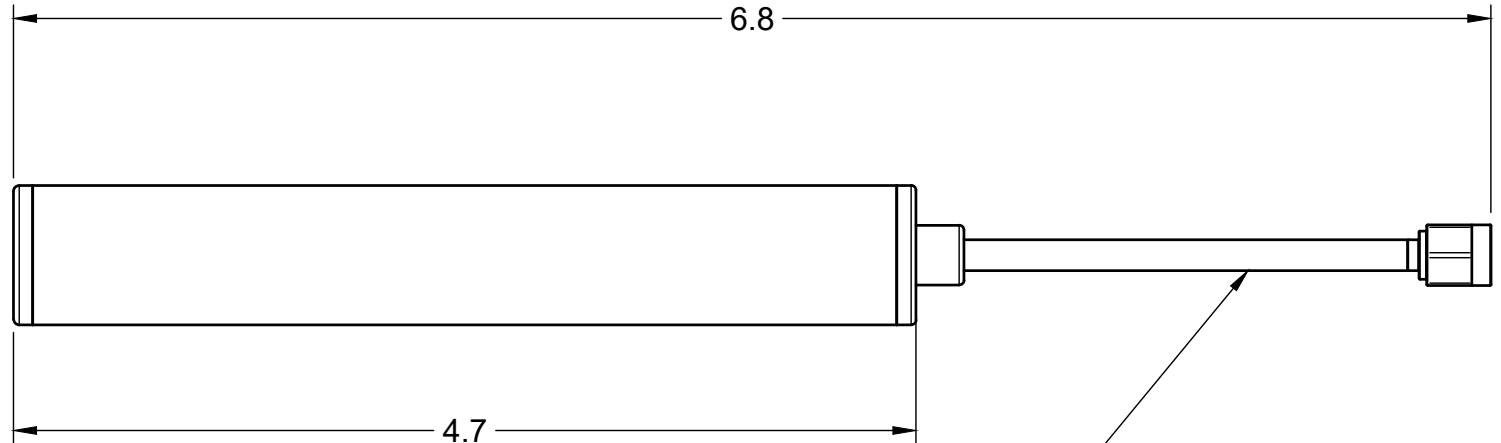
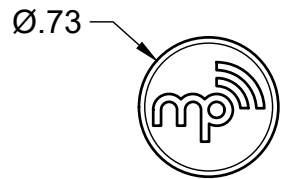
Mechanical Data

color: Black	length: 0.75 in
antenna feeds: One	width: 0.75 in
coax length: 1.5 in	height: 6.80 in
coax type: RG402	mounting type: Connector
connector type: Various *SMA Male	hardware included: N/A
polarization: Multi-Polarized	weight: 1.1 oz
power: 50 Watts Input	
impedance: 50 ohms Nominal	
construction: ABS Aluminum	

*** 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 Type	Color
1.78-1.85GHz	SMA Male	Black



RG402 Type Coax

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: 1.8GHz Swarmlink UAV Antenna	PART NO. MPSSL1800-BL-B	
		NAME				DATE
	DRAWN	PS				8/26/20



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Frequency: 1800MHz
Max Gain: 3dBi

