



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: MPSL863-870

model number: MPSL863-870

product description: 863-870 MHz Omni UAV Antenna

Electrical Data

frequency range: 863-870 MHz	IP rating: IP66
gain: 3dBi	power: 50 Watts
vswr: <1.6:1	impedance: 50 Ohms nominal
horizontal pattern type: Omni	operational temp: -30C to 85C
vertical patter type: Full	
ground plane: Built In	

General Data

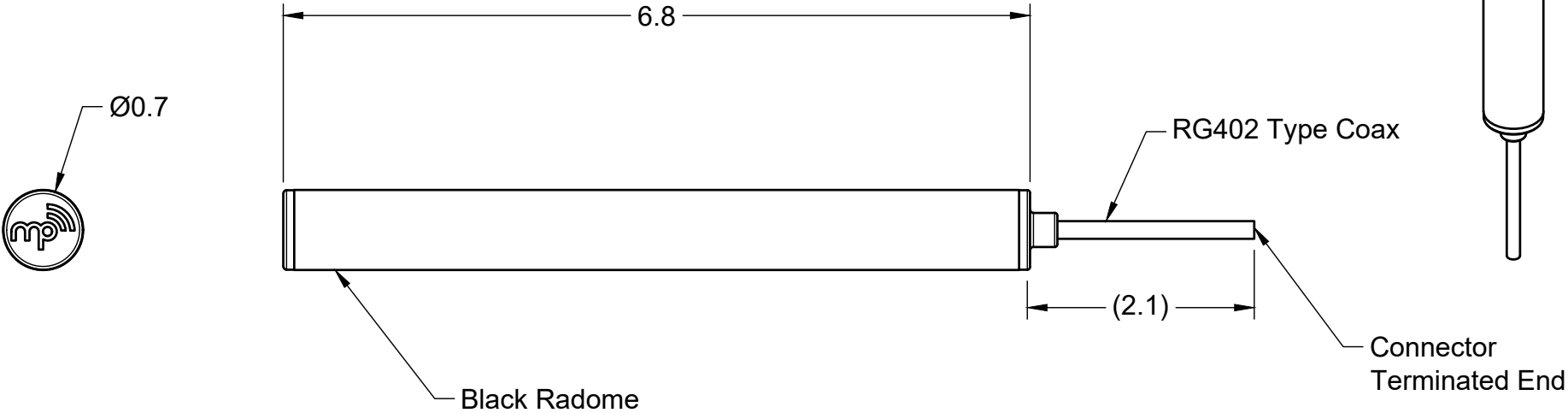
color: Black
antenna feeds: One
coax length: See Specific Part Number
Drawing
coax type: RG402 Series Semi Rigid
connector type: Various
polarization: Multi-Polarized
construction: ASA
hardware included: N/A

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

*** Test performed on configuration: MPSL863-870-BL-B**



Frequency Range	Connector	Color
863-870 MHz	Various	Black



Notes:
Referenced 2.1" Length Dependent on Connector Type

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: 863-870 MHz Swarmlink UAV Antenna	Model Number: MPSL863-870
		NAME	DATE		
	DRAWN	MC	6/2/2025		



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

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

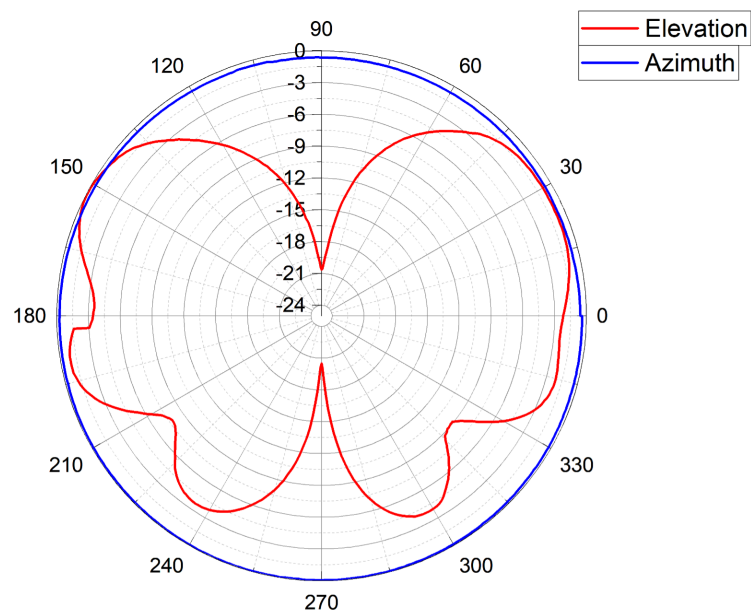
Part Number: MPSL863-870

model number: MPSL863-870

product description: 863-870 MHz Omni UAV Drone Antenna

Frequency: 867 MHz

Peak Gain: 3 dBi



rethink the antenna™

MP Antenna reserves the right to change product information and specifications without notice. Responsibility for the use and application of MP Antenna products rests with the end user since MP Antenna cannot be aware of all potential uses. MP Antenna makes no warranties as to the fitness, merchantability, or suitability of any MP Antenna products for any specific or general uses. MP Antenna shall not be liable for incidental or consequential damages of any kind.* MP Antenna products and technology are protected under one or more of the United States Patents 6,496,152 6,806,841 7,030,831 7,138,956 7,236,129 7,348,933 7,791,555 7,916,097 D,623,633 D,634,308 and other United States and Foreign patents applied for.