



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 SL1800

model number: MP SL1800

product description: 1800 MHz Omni Directional UAV Drone Antenna

Electrical Data

| | |
|--------------------------------|-------------------------------|
| frequency range: 1780-1850 MHz | IP rating: IP66 |
| gain: 3.4dBi | power: 50 Watts |
| vswr: >1.4:1 | impedance: 50 Ohms nominal |
| horizontal pattern type: Omni | operational temp: -30C to 85C |
| vertical patter type: Full | |
| ground plane: Built In | |

General Data

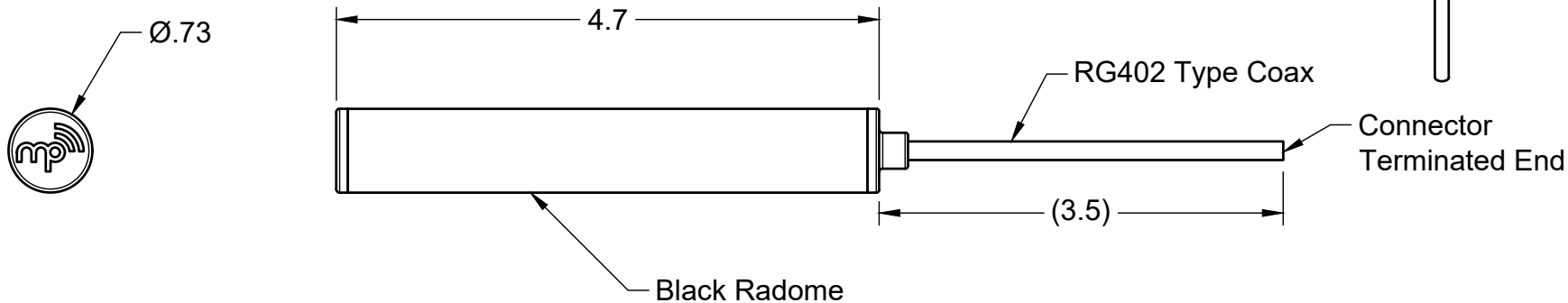
| |
|---------------------------------------|
| color: Black |
| antenna feeds: One |
| coax length: See Specific Part Number |
| Drawing |
| coax type: RG402 Series Semi Rigid |
| connector type: Various |
| polarization: Multi-Polarized |
| construction: ASA, Aluminum |
| hardware included: N/A |

*** 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: MP SL1800-BL-B**



| Frequency Range | Connector | Color |
|-----------------|-----------|-------|
| 1780-1850 MHz | Various | Black |



Notes:
Referenced 3.5" 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: 1780-1850 MHz Swarmlink UAV Antenna | Model Number: MPSL1800 |
| | | NAME | DATE | | |
| | DRAWN | BM | 4/14/2025 | | |



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: MPSL1800

model number: MPSL1800
product description: 1800 MHz Omni Directional UAV Drone Antenna

Frequency: 1800 MHz

Peak Gain: 3.2 dBi

