



DATA SHEET

1800MHz SwarmLink UAV Antenna

Ultralight Flexible Omni Antenna

MODEL NO:

MPSL1800-BL-B

FREQUENCY RANGE

1780MHz-1850MHz

PRODUCT SPECIFICATIONS

VSWR: <1.5:1

HORIZONTAL PATTERN: Omnidirectional

VERTICAL PATTERN: Full

GROUND PLANE: Built-In

COLOR: Black

ANTENNA FEEDS: 1

CONNECTOR TYPE: SMA Male

COAX TYPE: RG402

COAX LENGTH: SMA Male

POLARIZATION: Multi-Polarized

POWER: 50 Watts Input

IMPEDANCE: 50 ohms nominal

CONSTRUCTION: ABS, Aluminum

ENVIRONMENTAL: Outdoor

OPERATION TEMP: -40 to 85 deg C

STORAGE TEMP: -40 to 85 deg C

TRANSPORT TEMP: -40 to 85 deg C

IP RATING: IP67

RoHS - REACH: Compliant

LENGTH: 6.80 in

DIAMETER: 0.75 in

WEIGHT: 1.1 oz

WARRANTY: One Year Limited



PRODUCT DESCRIPTION

The MPSL1800 antenna is the latest in Multi-Polarized antenna technology providing superior patterning and continuous performance for UAV and Drone Links requiring a light weight solution.

FEATURES

- >1.5:1 VSWR
- Gooseneck Style Coax Pigtail
- Ultralight Weight
- Reduced Footprint
- Maximum Signal Stability
- Multi-Polarized
- Built-In Spatial Diversity

APPLICATIONS

- UAV Communications
- Drone Links
- Swram Mesh
- UGV Control
- AGV Control

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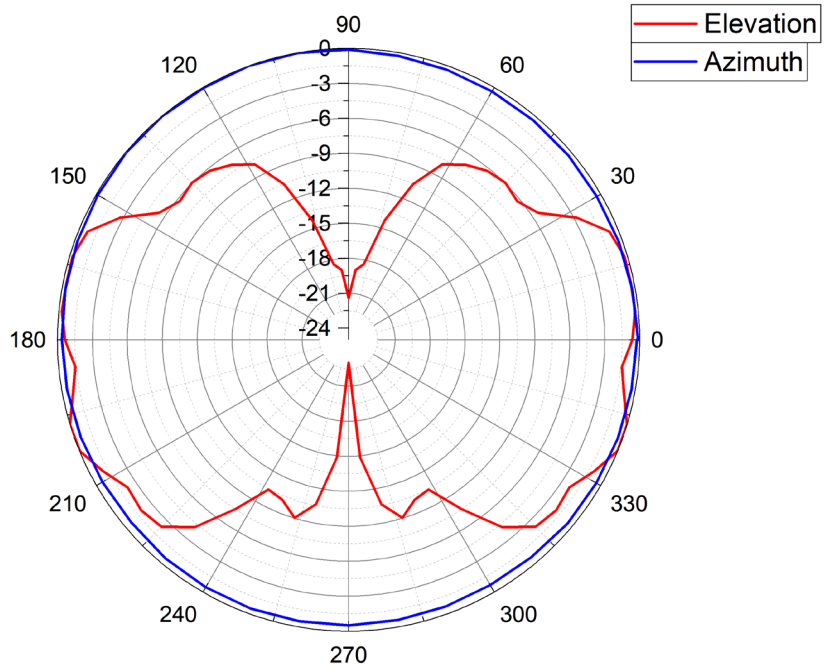
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RADIATION PATTERN

MAX GAIN: 3dBi



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