



DATA SHEET

4.4GHz SwarmLink UAV Antenna

Ultralight Flexible Omni Antenna

MODEL NO:

MPSL4400-BL-B

FREQUENCY RANGE

4.4GHz-5GHz

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: 5.50 in

DIAMETER: 1.00 in

WEIGHT: 1.1 oz

WARRANTY: One Year Limited



PRODUCT DESCRIPTION

The MPSL4400 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

MP Antenna, LTD • 147 Eady Court, Elyria, Ohio 44035 • p 440 387 5968 • f 440 545 3500 • sales@mpantenna.com • mpantenna.com

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.



DATA SHEET

4.4GHz SwarmLink UAV Antenna

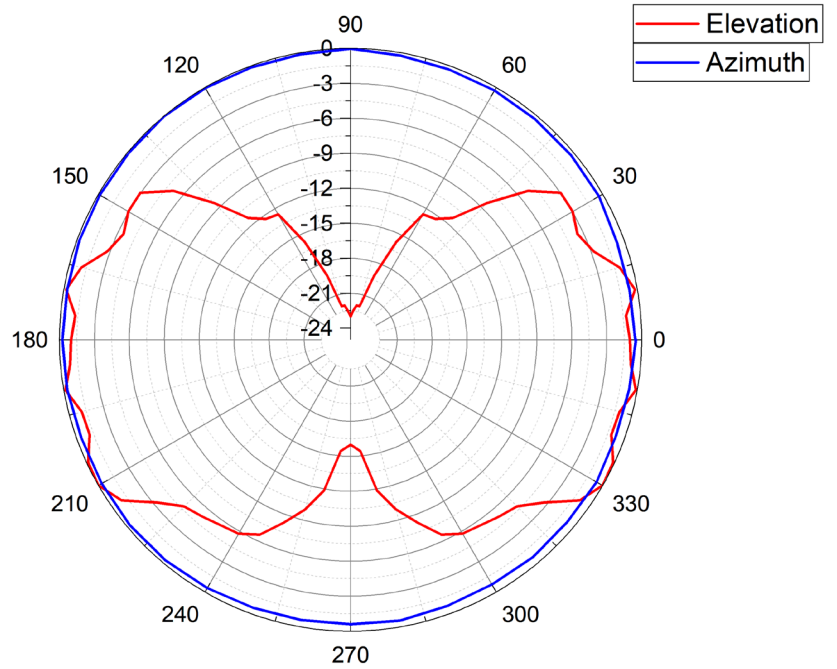
Ultralight Flexible Omni Antenna

MODEL NO:

MPSL4400-BL-B

RADIATION PATTERN

MAX GAIN: 4dBi



MP Antenna, LTD • 147 Eady Court, Elyria, Ohio 44035 • p 440 387 5968 • f 440 545 3500 • sales@mpantenna.com • mpantenna.com

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.