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## XtremeWave™ MYP Series



The MAXRAD MYP yagis can be used as bridge antennas between two networks or for point-to-point communications. They are field adjustable for vertical or horizontal polarization with matched principal plane beamwidths for optimum performance in either orientations. This design also provides improved

front-to-back ratio and sidelobe suppression that reduces interference. All models feature a robust mounting structure for consistent performance regardless of weather conditions.

### Features:

- Field adjustable to allow vertical or horizontal polarity. Eliminates co-channel interference from neighboring radiators. Polarity markings molded on the antenna ensure installation in the correct orientation.
- Optional, articulating mount. Allows precise adjustment of the antenna both vertically and horizontally.
- All antennas include a robust mast mount bracket designed to withstand 125 mph wind.
- Matched principal plane beamwidths with excellent sidelobe suppression and cross-polarization rejection of more than 20 dB. Provides superior signal quality with enhanced gain performance and minimal interference from neighboring radiators.
- 30 dB front-to-back ratio permits less physical separation on the tower thus adding mounting flexibility at installation sites where space is limited.
- Attractive weather-proof radome constructed of UV resistant material. Provides robust and trouble-free use in harsh outdoor environments.

[Buy Online: Click here to view available models.](#)

### General

#### Mounting

Heavy duty bracket (in mast mount to 2" O.D. MYK18 adj mount allow (included a and elevati (sold separ MSK2450N MSK2450N harnesses stack two y separately

**Nominal Impedance**  
50 Ohms

**Polarization**  
Vertical or (user adjust

**Termination**  
N, female i Consult fac connector



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## Electrical Specifications: XtremeWave™ MYP Series

| Model #     | Frequency Range | Front To Back Ratio | Horizontal Beamwidth | Maximum Power | Nominal Gain | Vertical Beamwidth | VSWR    |
|-------------|-----------------|---------------------|----------------------|---------------|--------------|--------------------|---------|
| MYP24010PT  | 2400-2485 MHz   | 23 dB               | @1/2 Power<br>55°    | 5 Watts       | 10 dBi       | @1/2 Power<br>55°  | < 1.5:1 |
| MYP24014PT  | 2400-2485 MHz   | 30 dB               | @1/2 Power<br>30°    | 5 Watts       | 14 dBi       | @1/2 Power<br>30°  | < 1.5:1 |
| MYP24015PT  | 2400-2485 MHz   | 30 dB               | @1/2 Power<br>30°    | 5 Watts       | 15 dBi       | @1/2 Power<br>30°  | < 1.5:1 |
| MYPB24015PT | 2400-2686 MHz   | 30 dB               | @1/2 Power<br>30°    | 5 Watts       | 15 dBi       | @1/2 Power<br>30°  | < 1.5:1 |

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