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XTREMEWAVE™ SERIES

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2.4 GHz ISM Enclosed Yagi Antenna



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.](#)

Patterns | Electrical Specifications | Mechanical Specifications | Installation Instructions | PDF

General SPECIFICATIONS

Mounting Method

Heavy duty yagi m bracket (included) mast mounting on 2" O.D. MYK18 adjustable mount allows 180° angle azimuth and adjustment (sold s Stacking harnesses to stack two yagis separately.)

Nominal Impedan

50 Ohms

Polarization:

Vertical or horizont (user adjustable)

Termination:

N,female is standa factory for other cc options

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Electrical Specifications:

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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 55°	5 Watts	10 dBi	@1/2 Power 55°	<1.5:1
MYP24014PT	2400-2485 MHz	30 dB	@1/2 Power 30°	5 Watts	14 dBi	@1/2 Power 30°	<1.5:1
MYP24015PT	2400-2485 MHz	30 dB	@1/2 Power 30°	5 Watts	15 dBi	@1/2 Power 30°	<1.5:1
MYPB24015PT	2400-2686 MHz	30 dB	@1/2 Power 30°	5 Watts	15 dBi	@1/2 Power 30°	<1.5:1

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