

Y42400WB

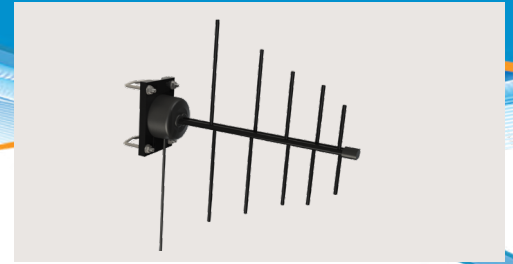
Rugged Wideband Yagi Antenna

PRODUCT OVERVIEW

This 5 element yagi antenna provides excellent wideband performance and coverage on UHF frequencies. It is Rugged and weatherproof with a hybrid radome construction that provides excellent weather protection for our driven element. The radome is constructed of UV inhibited ABS. The heavy duty mounting plate is extruded aluminum. Stainless steel V-bolts are provided for long term reliability and resistance to corrosion. The elements are welded to the boom to provide excellent stability and intermod resistant operation.

The Y42400WB is lightweight and durable. It is easily installed by one person, yet designed to withstand 125 MPH winds. It terminates with a 12" cable pigtail with an "N" Jack (Female) connector. Custom cable assemblies can be purchased separately.

Visit our [eStore](#) to customize an Antenna Online.



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Model

Wideband Reference

Electrical Specifications	
Frequency & Gain	400 - 800 MHz, 9 dBi Gain
Polarization	Vertical
VSWR	< 1.5:1
Front to Back Ratio	20 dB
Impedance	50 Ohm Nominal
Beamwidth	40° Vertical, 40° Horizontal
Power Rating	150 Watts

Mechanical Specifications	
Material & Color	Aluminum Booms, 3/16" Diameter Solid Welded Elements, UV inhibited ABS Radome, Available in Black
Overall Dimension	14.38" (365 mm) in Length, 13.63" (346 mm) in Height, 3.25" (83 mm) in Width
Weight	2 lbs (0.91 kg)
Standard Cable & Connector	12" (305 mm) Cable Pigtail with 'N' Jack (Female) Connector Custom Cable Assemblies Sold Separately
Operating Temperature	-40° to +80° C
Mast Mounting	Mounts up to 2.50" (63.5 mm) Outside Diameter Pipe Stainless Steel V-Bolts Provided
Wind Rating	125 MPH (201 kph)
Wind Load	8.1 lbs (3.67 kg)
RoHS Compliant	Yes

HIGHLIGHTS:

- Wideband Log Periodic
- Covers 400 - 800 MHz
- High Performance, High Gain
- Made-in-the-USA & UK

RELATED MODELS:

- Y42700WB
(Full coverage on Sub-6 5G)
- Y33810 Series
(UHF at 440-480 MHz)
- Y42700WB-2X
(Dual Full Log Periodic 2x 5G MIMO)

COMMON APPLICATIONS:

- Fixed Site Installation
- Land Mobile Radio Solution
- Public Safety Applications



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