

Y42700WB

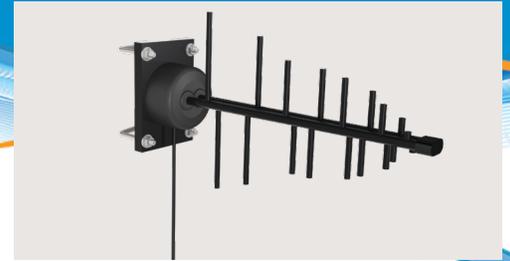
Rugged Wideband Log Periodic

PRODUCT OVERVIEW

This 9 element 5G Sub-6 log-periodic antenna provides excellent wideband performance. 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 Y42700WB 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.



Electrical Specifications	
Frequency & Gain	617 - 4200 MHz, 14 dBi Gain 4200 - 6000 MHz, 6 dBi Gain
Polorization	Vertical
VSWR	< 2:1
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	18.50" (470mm) in Length, 8.5" (216 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
Wind Rating	125 MPH (201 kph)
Wind Load	8.1 lbs (3.67 kg)
RoHS Compliant	Yes

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Model
Wideband Reference

HIGHLIGHTS:

- 5G Sub-6 Wideband Log Periodic
- 5G/LTE: Covers 617 - 6000 MHz
- High Performance, High Gain
- Made-in-the-USA & UK

RELATED MODELS:

- Y42400WB
(Covers 400 - 800 MHz)
- PND8-3800
(4x MIMO CBRS/C-Band Panel)
- Y42700WB-2X
(Dual Log Periodic 2x 5G MIMO)

COMMON APPLICATIONS:

- Fixed Site Installation
- Industrial IoT
- CBRS & C-Band
- Private LTE Networks



US Headquarters +1.847.671.6690 • US/CA Toll Free +1.800.648.2800
European Facility +44.1543.459555 • www.MobileMark.com

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