

Y42700WB-2X

PRODUCT OVERVIEW

This unique mounting bracket mounts two Y42700WB log periodic antennas, creating a 2x MIMO installation with the model number Y42700WB-2X (Wide Band 2x MIMO). Because of its rugged construction, this antenna is ideal for Industrial networks operating on CBRS Private LTE.

Each antenna is independently fed by a separate cable but mounts together. The two cable feeds have the ability to attach to a MIMO modem. In addition, this provides coverage on any applications within the 600 to 6000 MHz bandwidth. Also known as one of our 6 to 6 Antennas.

The performance characteristics of the Y42700WB-2X (Wide Band 2x MIMO) Antenna are as follows:

High Performance: The log periodic design provides excellent wide band performance. from 600 MHz to 6 GHz.

Rugged and Weatherproof: Our hybrid radome provides weather protection and it is made from a UV inhibited ABS material.

Lightweight and Durable: This antenna is easily installed by one person. It can withstands 125 MPH winds. In addition, the heavy duty mounting plate is made extruded aluminum.

Termination Option: Type A: 12 Teflon pigtail with N-Female connector.



Electrical Specifications	
Frequency/Gain	600-4200 MHz, 14 dBi 4200-6000 Mhz, 6 dBi
Polarization	+/- 45 Degrees
VSWR	<2:1
Front to Back Ratio	20 dB
Impedance	50 Ohm Nominal
Beamwidth	40 degree Vertical, 40 degree Horizontal
Power Rating	150 Watts

Mechanical Specifications	
Radome Material & Color	Aluminum Booms, 3/16" solid welded elements Available in Black
Connector	12" Pigtail with 'N' Connector
Radome	3" UV Inhibited ABS
Radome Length	18.5" (47cm)
Weight	5 lbs
Mounting	2 1/2" Mast (Max)
Wind Rating	125 mph
Wind Load	16 lbs

HIGHLIGHTS:

- Wideband Log Periodic
- Covers 400-800 MHz
- Made-in-the-USA

RELATED MODELS:

- Y42700WB
(Full coverage on Sub-6 5G)
- Y33810 Series
(10 Elements, Limited Freq. Range)
- Y42400WW
(Smaller Freq. Range)

COMMON MARKETS:

- Rugged Mobile Wireless Networking
- Fixed Site Installation or Mobile
- Sub-6, 5G mm626 Solution
- CBRS and Private LTE Compatible



US Headquarters +1.847.671.6690
US/CA Toll Free +1.800.648.2800
European Facility +44.1543.459555

www.MobileMark.com