

## Y42700WB

## Wideband Yagi Antenna 9 Elements, 695-6000 MHz

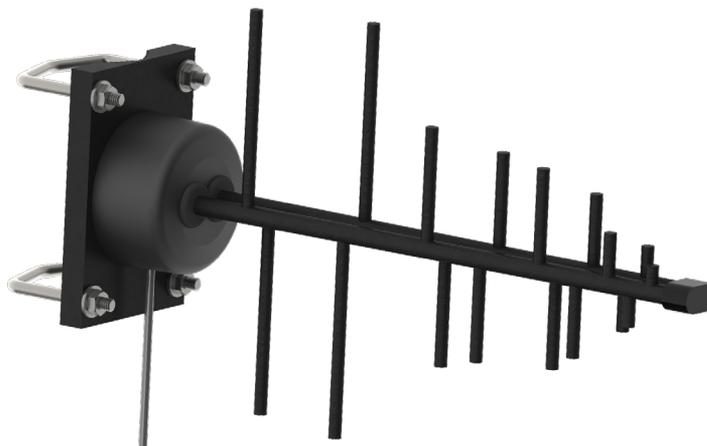
### PRODUCT OVERVIEW

**High Performance:**  
 This 9 element yagi antenna provides excellent wide band performance.

**Rugged and weatherproof:**  
 Our hybrid radome construction 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.

**Lightweight and Durable:**  
 This yagi antenna is easily installed by one person, yet is designed to withstand 125 MPH winds.

**Termination Options:**  
 Type A: 12" Teflon pigtail with N-female (Jack) connector.



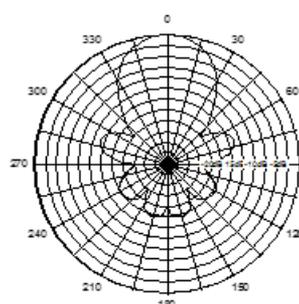
### ELECTRICAL SPECIFICATIONS

<b>Frequency/Gain</b>	695-4200 MHz, 14 dBi 4200-6000 MHz, 6 dBi
<b>Polorization</b>	Vertical
<b>VSWR</b>	<2:1
<b>Front to Back Ratio</b>	20 dB
<b>Impedence</b>	50 Ohm
<b>Beamwidth</b>	40 degrees Vertical, 40 degrees Horizontal
<b>Power Rating</b>	150 Watts

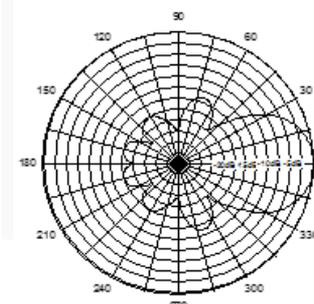
### MECHANICAL SPECIFICATIONS

<b>Material</b>	Aluminum Booms, 3/16" solid welded elements
<b>Connector</b>	12" Pigtail with N Female (Jack)
<b>Radome</b>	3" UV Inhibited ABS
<b>Length</b>	18.5" (47cm)
<b>Weight</b>	2 lbs
<b>Mounting</b>	2 1/2" Mast (Max.)
<b>Wind Rating</b>	125 mph
<b>Wind Load</b>	8.1 lbs
<b>Radiation Pattern</b>	

**Horizontal Pattern**



**Vertical Pattern**



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