

## YAGI ANTENNA 824 - 896 MHz

**EXTREME ENVIRONMENTS - EXTRA HEAVY DUTY SERIES**  
Rugged Construction for the most harsh and severe installations

### Features of the 824 MHz Directional Yagi

Heavy Duty Stainless Steel Construction  
Solid Iron Mounting Bracket  
360 Degree Weld Elements to Boom  
Black Polyester Powder Coat Finish  
Lifetime Warranty Female N Connector  
High Quality LMR400 Cable  
Waterproof Gamma Match  
PVC Heat Shrink on Connector  
Vertical or Horizontal Polarization  
Gains Available: 9, 12, 14, 16, 17 dBi  
Cable Lengths Available: Standard 2', 15' or 25'  
Minimum Order Requirements  
[www.1wirelessway.com](http://www.1wirelessway.com)



Shipped Direct from Manufacturer

One Year Warranty, Repair or Replacement, Provided by Manufacturer

**NLOS** None Line of Site Applications



### SPECIFICATIONS

<b>Part Number</b>	<b>YA82412W</b>
<b>Frequency Range</b>	824 - 896 MHz
<b>Gain</b>	12 dBi
<b>Front to Back Ratio</b>	16 dB minimum
<b>Beamwidth</b>	58H 45V
<b>VSWR</b>	1.5:1 Typical
<b>Input Impedance</b>	50 Ohms
<b>Maximum Power</b>	150 Watts
<b>Connector Interface</b>	N Type Female
<b>Windload</b>	210KMH/130MPH
<b>Polarization</b>	Vertical or Horizontal
<b>Lightning Protection</b>	Direct Ground
<b>Structure</b>	7 Elements
<b>Length</b>	26.2"/665mm
<b>Width</b>	6.7"/170mm
<b>Depth</b>	2.3"/58mm
<b>Weight</b>	1.87#/0.85kg
<b>Mast Sizes Compatible</b>	1.5"-2.0" 40-50mm
<b>Double U Bolt Mounting</b>	S/S Hardware
<b>Standard Cable Length</b>	2'/610mm
<b>15' Cable Length</b>	<b>YA82412W-15</b>
<b>25' Cable Length</b>	<b>YA82412W-25</b>
824 MHz Photo may not be	exact model