



*Antenna Factory, Inc.*

[www.antennafactory.com](http://www.antennafactory.com)  
Toll Free: 877-288-9112 Fax: 847-584-9952

BP824-16.1-60

## Specifications:

<b>Frequency Range</b>	824-896 MHz
<b>Gain</b>	16.1 dBi
<b>3dB Beamwidth Vertical Plane</b>	14°
<b>3dB Beamwidth Horizontal Plane</b>	60°
<b>F/B Ratio</b>	≥ 30dB
<b>VSWR</b>	≤ 1.35
<b>Nominal Impedance</b>	50 ohm
<b>3D Beamwidth</b>	Vertical
<b>Maximum Input Power</b>	500 W
<b>Lightning Protection</b>	All metal parts grounded
<b>Connector</b>	N Female or 7/16 DIN Female
<b>Dimension</b>	1219mm × 305mm × 127mm / 3.20 ft × 1.0 ft × 0.42 ft
<b>Weight</b>	6.4 kg / 14.11 lb
<b>Rated Wind Velocity</b>	216 km/h / 135 mph
<b>Radiating Elements Material</b>	Brass
<b>Back Panel Material</b>	Aluminum Alloy Passivated Plane
<b>Radome Material</b>	Fiberglass
<b>Mounting Mast Diameter</b>	φ 40 – 89 mm / φ 1.57 – 3.50 in
<b>Intermodulation</b>	≤ 110 dB

Every effort is made to insure the product specifications are complete and accurate.  
However, omissions, changes to product specifications and design changes may occur without notice.