



*Antenna Factory, Inc.*

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BPD870-14.1-90

## Specifications:

<b>Frequency Range</b>	870-960 MHz
<b>Gain</b>	14.1 dBi
<b>3dB Beamwidth Vertical Plane</b>	12°
<b>3dB Beamwidth Horizontal Plane</b>	90°
<b>F/B Ratio</b>	≥ 30 dB
<b>VSWR</b>	≤ 1.35
<b>Nominal Impedance</b>	50 ohm
<b>3dB Beamwidth</b>	± 45
<b>Maximum Input Power</b>	500 W
<b>Connector</b>	N Female or 7/16 DIN Female
<b>Dimension</b>	1538mm × 316mm × 127mm / 5.05 ft × 1.05 ft × .42 ft
<b>Weight</b>	11.5 kg / 25.35 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.