



*Antenna Factory, Inc.*

**www.antennafactory.com**  
Toll Free: 877-288-9112 Fax: 847-584-9952

**BP870-14.1-90T6**



## Specifications:

<b>Frequency Range</b>	870-960 MHz
<b>Gain</b>	14.1 dBi
<b>Horizontal Beamwidth</b>	90°
<b>Vertical Beamwidth</b>	12°
<b>F/B Ratio</b>	≥ 23 dB
<b>VSWR</b>	≤ 1.5
<b>Nominal Impedance</b>	50 ohm
<b>Polarization</b>	± 45
<b>Maximum Input Power</b>	500 W
<b>Lightning Protection</b>	DC Ground
<b>Connector Place</b>	Center
<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>	13 kg / 28.66 lb
<b>Rated Wind Velocity</b>	216 km/h / 135 mph
<b>Mounting Mast Diameter</b>	φ 40 – 89 mm / φ 1.57 – 3.50 in
<b>Intermodulation IM3</b>	≤ -110
<b>Radiating Elements Material</b>	Brass
<b>Back Panel Material</b>	Passivated Aluminum
<b>Radome Material</b>	Fiberglass
<b>Electrical Downtilt</b>	6°
<b>Isolation</b>	≥ 28 dB
<b>Cross Polar Discrimination</b>	≥ 15 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.