



*Antenna Factory, Inc.*

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**BP870-14.1-90K**

## Specifications:

|                                       |  |
|---------------------------------------|--|
| <b>Frequency Range</b>                | 870-960 MHz  |
| <b>Gain</b>                           | 14.1 dBi   |
| <b>3dB Beamwidth Vertical Plane</b>   | 15°  |
| <b>3dB Beamwidth Horizontal Plane</b> | 90°  |
| <b>F/B Ratio</b>                      | ≥ 40 dB  |
| <b>VSWR</b>                           | ≤ 1.35   |
| <b>Nominal Impedance</b>              | 50 ohm   |
| <b>Maximum Input Power</b>            | 500 W  |
| <b>Connector</b>                      | N Female or 7/16 DIN Female                        |
| <b>Dimension</b>                      | 1219mm × 152mm × 216mm / 3.20 ft × .50 ft × .71 ft |
| <b>Weight</b>                         | 4.6 kg / 10.14 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                    |

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.