



*Antenna Factory, Inc.*

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BPD900-18-65T0



## Specifications:

|                                      |   |
|--------------------------------------|---|
| <b>Frequency Range</b>               | 870-960 MHz                                 |
| <b>Bandwidth</b>                     | 90 MHz                                      |
| <b>Gain</b>                          | 18 dBi                                      |
| <b>VSWR</b>                          | ≤ 1.5                                       |
| <b>Nominal Impedance</b>             | 50Ω   |
| <b>Polarization</b>                  | ± 45°                                       |
| <b>Maximum Power</b>                 | 500 W                                       |
| <b>Rated Wind Velocity</b>           | 216 km/h / 135 mph                          |
| <b>Lightning Protection</b>          | DC Ground                                   |
| <b>Weight</b>                        | 18.5 kg / 40.79 lb                          |
| <b>Connector</b>                     | 2× 7/16DIN Female, 2× N Female              |
| <b>Horizontal Beamwidth</b>          | 65°   |
| <b>Vertical Beamwidth (3dB)</b>      | 8°  |
| <b>Electrical Downtilt</b>           | 0°  |
| <b>F/B Ratio</b>                     | ≥ 25dB                                      |
| <b>IM3</b>                           | ≤ -107dBm                                   |
| <b>Dimensions</b>                    | 2590 × 286 × 113 mm / 7.53 × 0.94 × 0.37 ft |
| <b>Radome Material</b>               | Fiberglass, UV Protected ABS                |
| <b>Diameter of Installation Pole</b> | φ 50 – 115 mm / φ 1.97 – 4.53 in            |
| <b>Cross-Polar Discrimination</b>    | > 15dB                                      |
| <b>Isolation</b>                     | > 28dB                                      |

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.