



*Antenna Factory, Inc.*

[www.antennafactory.com](http://www.antennafactory.com)

Toll Free: 877-288-9112 Fax: 847-584-9952

**BPD800-18-65T9**



## Specifications:

<b>Frequency Range</b>	824-896 MHz
<b>Bandwidth</b>	72 MHz
<b>Gain</b>	18 dBi
<b>VSWR</b>	$\leq 1.5$
<b>Nominal Impedance</b>	50 $\Omega$
<b>Polarization</b>	$\pm 45^\circ$
<b>Maximum Power</b>	500 W
<b>Electrical Downtilt</b>	5 $^\circ$
<b>Dimensions</b>	2590mm $\times$ 286mm $\times$ 113mm / 8.50 ft $\times$ .94 ft $\times$ .37 ft
<b>Rated Wind Velocity</b>	216 km/h / 135 mph
<b>Connector</b>	2 $\times$ N Female, 2 $\times$ 7/16DIN Female
<b>Lightning Protection</b>	DC Ground
<b>Weight</b>	18.5 kg / 40.78 lb
<b>Cross-Polarization</b>	$> 15$ dB
<b>IM3</b>	$\leq -107$ dBm
<b>Horizontal Beamwidth</b>	65 $^\circ$
<b>Vertical Beamwidth (3dB)</b>	8 $^\circ$
<b>Isolation</b>	$> 28$ dB
<b>F/B Ratio</b>	$\geq 25$ dB
<b>Radome Material</b>	Fiberglass, UV-resistance ABS

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.