

## Vertical Polarization Directional Antennas

CDMA800MHz

MB800-90-17

### Electrical Specifications

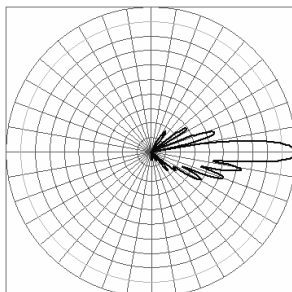
<b>Frequency Range(MHz)</b>	<b>824~896</b>
<b>Gain(dBi)</b>	<b>17</b>
<b>V.S.W.R</b>	<b>&lt;1.35</b>
<b>Polarization</b>	<b>Vertical</b>
<b>Horizontal-3dB Beamwidth(°)</b>	<b>90</b>
<b>Vertical-3dB Beamwidth(°)</b>	<b>6.5</b>
<b>Electrical Downtilt(°)</b>	<b>0</b>
<b>Front-to-Back Ratio(dB)</b>	<b>≥23</b>
<b>IMD3(dBc)</b>	<b>&lt;-150</b>
<b>Impedance(Ω)</b>	<b>50</b>
<b>Lightning Protection</b>	<b>Direct Ground</b>
<b>Maximum Input Power(W)</b>	<b>500</b>

### Mechanical Specifications

<b>Connector Type</b>	<b>7/16" DIN(F) OR N(F)</b>
<b>Radiating Element Material</b>	<b>Aluminum</b>
<b>Radome Material</b>	<b>UPVC</b>
<b>Radome Color</b>	<b>Gray</b>
<b>Dimension(mm)</b>	<b>2640×296×156</b>
<b>Diameter Of Installation Pole(mm)</b>	<b>φ 55~ φ 110</b>
<b>Weight(kg)</b>	<b>18</b>
<b>Operating Temperature(°C)</b>	<b>-40~+70</b>
<b>Reposition Temperature(°C)</b>	<b>-55~+80</b>
<b>Maximum Wind Speed(km/h)</b>	<b>210</b>



**VERTICAL PATTERN**



**HORIZONTAL PATTERN**

