



*Antenna Factory, Inc.*

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BP450-11.6-65



## Specifications:

|                                     |   |
|-------------------------------------|---|
| <b>Frequency Range</b>              | 450-470 MHz   |
| <b>Gain</b>                         | 11.6 dBi  |
| <b>Bandwidth</b>                    | 15 MHz  |
| <b>Horizontal Beamwidth</b>         | 65°   |
| <b>Vertical Beamwidth</b>           | 30°   |
| <b>F/B Ratio</b>                    | ≥ 25dB  |
| <b>Intermodulation IM3</b>          | ≤ -110 dBm  |
| <b>VSWR</b>                         | ≤ 1.5   |
| <b>Input Impedance</b>              | 50 ohm  |
| <b>Polarization</b>                 | ± 45  |
| <b>Isolation</b>                    | ≥ 25 dB   |
| <b>Cross-polar Discrimination</b>   | ≥ 15 dB   |
| <b>Maximum Power</b>                | 500 W   |
| <b>Connector Place</b>              | Center  |
| <b>Connector</b>                    | N Female or 7/16 DIN Female                         |
| <b>Dimension</b>                    | 1534mm × 518mm × 132mm / 5.03 ft × 1.70 ft × .43 ft |
| <b>Weight</b>                       | 13 kg / 28.06 lb                                    |
| <b>Rated Wind Velocity</b>          | 216 km/h / 135 mph                                  |
| <b>Radiating Element's Material</b> | Brass   |
| <b>Back Panel Material</b>          | Passive Aluminum                                    |
| <b>Radome Material</b>              | Fiberglass  |
| <b>Mounting Mast Diameter</b>       | φ 40 – 90 mm / φ 1.57 – 3.54 in                     |
| <b>Lightning Protection</b>         | DC Ground   |

Note: Can be tuned to 410-430MHz

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.