



Antenna Factory, Inc.

www.antennafactory.com

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

BP450-14.1-65



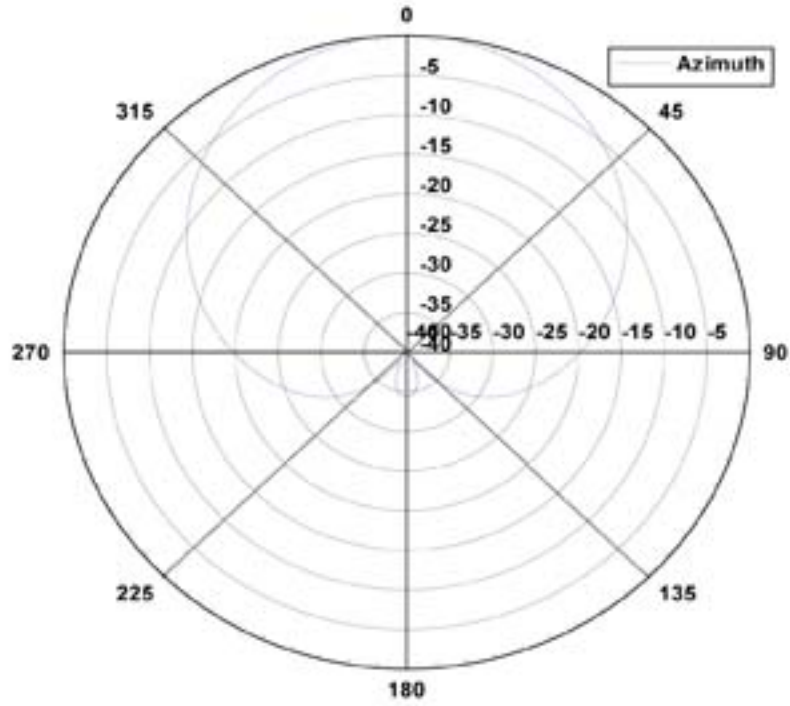
Specifications:

Frequency Range	450-470 MHz
Gain	14.1 dBi
Bandwidth	15 MHz
Horizontal Beamwidth	65°
Vertical Beamwidth	15°
F/B Ratio	≥ 20dB
Intermodulation IM3	≤ -110 dBm
VSWR	≤ 1.5
Input Impedance	50 ohm
Polarization	Vertical
Lightning Protection	DC Ground
Maximum Input Power	500 W
Connector Place	Center
Connector	N Female or 7/16 DIN Female
Dimension	2060mm × 490mm × 110mm / 6.76 ft × 1.61 ft × .36 ft
Weight	11 kg / 24.25 lb
Rated Wind Velocity	216 km/h / 135 mph
Radiating Element's Material	Brass
Back Panel Material	Passive Aluminum
Radome Material	Fiberglass
Mounting Mast Diameter	φ 40 – 90 mm / φ 1.57 – 3.54 in

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.

Azimuth Pattern



Elevation Pattern

