



B4503

Omnidirectional Antennas 450-470 MHz

FEATURES AND BENEFITS

- 5/8 wave design for true 3-dBi performance
- Easy installation with optional NMO mounts
- Special UV-treated radome - resists sun damage
- 100% tested on a network analyzer

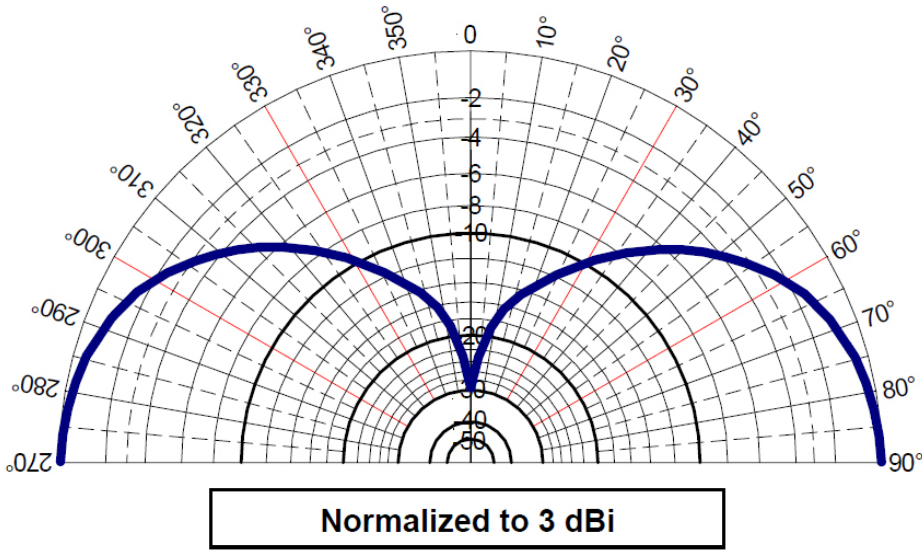
ELECTRICAL SPECIFICATION

Model Name	B4503
Operating Frequency (MHz)	450-470
VSWR - Max	< 1.5:1
Gain (dBi)	3.0
Nominal Impedance (Ohms)	50
Max Power - Ambient 25°C (W)	100
Polarization	Vertical
Pattern	Omnidirectional
Elevation Plane 3 dB Beamwidth Port 1	70°
Azimuth Plane 3 dB Beamwidth Port 1	360°

MECHANICAL SPECIFICATION

Dimensions - H x D - mm (inches)	356.0 x 36.6 (14.0 x 1.44)
Weight - kg (lbs.)	< 0.23 (< 0.5)
Flat Plate Area - square feet	0.023
Cable Type	None
Mounting	NMO mountable
Noise Suppressor	BlackHawk NS 1535 1-35 volt, 15 Amp (sold separately)

RADIATION PATTERN



Elevation Pattern (Y, Z or H-plane)

TE TECHNICAL SUPPORT CENTER

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