

FEATURES

- ◆ ISM & MMDS Bands in One Package
- ◆ Ideal for 60° Coverage Area
- ◆ Fits Six-Sector Base Station Brackets
- ◆ Small Size
- ◆ Aesthetically Pleasing
- ◆ Rugged & Durable Design
- ◆ Excellent Side Lobe Suppression
- ◆ High Return Loss (Low VSWR)
- ◆ High Front-to-Back Ratio



ELECTRICAL SPECIFICATIONS

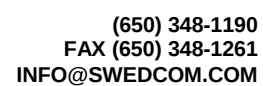
Frequency Range:	2400-2700 MHz
Impedance:	50 Ohms
Connector Type:	N-Female
Return Loss:	20 dB
Polarization:	Vertical
Gain:	16 dBi
Front-To-Back Ratio:	30 dB
Upper Side Lobe Suppression:	20 dB
Power Rating:	50 W
H-Plane (-3 dB Point):	50°
V-Plane (-3 dB Point):	14° - 18°
Lightning Protection:	DC Grounded

MECHANICAL SPECIFICATIONS

Overall Height:	17 in	[432 mm]
Width:	7.25 in	[184 mm]
Depth:	4.5 in	[114 mm]
Weight:	5 lbs.	[2.27 Kg]
Wind Load Measured Up To:	150 mph	[240 Km/h]
Wind Area (Side of Antenna):	0.86 sq. ft	[0.08 sq. m]
Lateral Thrust @ 113 mph/ 180Km/h (Worst Case):	44 lbs.	[251 N]

MATERIALS

Radiating Elements:	PCB
Radome:	Grey PVC
Brackets:	Galvanized Steel
Antenna Bolts:	Stainless Steel



V-PLANE @ 2580 MHz (Gain: dBi)

