



**5.7 GHz Sector Antenna
120 Degrees Vertical**

October 2006

PANEL DIRECTIONAL ANTENNA

**Wireless Broadband Sector
Base Station Antenna**

5725 - 5850 MHz

	PA5712013V	PA5712015V	PA5712017V
Electrical Data			
Gain (dBi)	13	15	16
Beamwidth (degrees)	H120/V13	H120/V8	H120/V7
Front to Back Ratio (dB)	>20	>20	>20
VSWR (typical)	1.5 or less	1.5 or less	1.5 or less
Windload (km/h)	210 km/h	210 km/h	210 km/h
Maximum Power (watts)	250	250	250
Polarization	Vertical	Vertical	Vertical
Input Impedance	50 Ohms	50 Ohms	50 Ohms
PIM (dBm)	<-107	<-107	<-107
Physical Data			
Construction	Air Dielectric	Air Dielectric	Air Dielectric
Radiation Element	Copper	Copper	Copper
Radome Material	UV Res. Fiberglass	UV Res. Fiberglass	UV Res. Fiberglass
Mounting Hardware	S/S Tilt Brackets	S/S Tilt Brackets	S/S Tilt Brackets
Connector Interface	Female N	Female N	Female N
Structure	One Panel	One Panel	One Panel
Lightning Protection	Direct Ground	Direct Ground	Direct Ground
Fits Mast Size	1.57" - 2.36" 40-60mm	1.57" - 2.36" 40-60mm	1.57" - 2.36" 40-60mm