



PANEL DIRECTIONAL ANTENNA

**Wireless Broadband Sector
Base Station Antenna**

824-896 MHZ

	PA8009014V	PA8009016V	PA8009014H	PA8009016H
Electrical Data				
Gain (dBi)	14	16	14	16
Beamwidth (degrees)	90H 13V	90H 8V	90H 13V	90H 8V
Front to Back Ratio (dB)	>23	>23	>23	>23
VSWR (typical)	1.5 or less	1.5 or less	1.5 or less	1.5 or less
Windload (km/h)	200 km/h	200 km/h	200 km/h	200 km/h
Maximum Power (watts)	250	250	250	250
Polarization	Vertical	Vertical	Horizontal	Horizontal
Input Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
PIM (dBm)	<-107	<-107	<-107	<-107
Physical Data				
Construction	Air Dielectric	Air Dielectric	Air Dielectric	Air Dielectric
Radiation Element	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Radome Material	UV Resistant PVC	UV Resistant PVC	UV Resistant PVC	UV Resistant PVC
Mounting Hardware	S/S Tilt Brackets	S/S Tilt Brackets	S/S Tilt Brackets	S/S Tilt Brackets
Connector Interface	Female N	Female N	Female N	Female N
Structure	One Panel	One Panel	One Panel	One Panel
Lightning Protection	Direct Ground	Direct Ground	Direct Ground	Direct Ground
Fits Mast Size	1.57"-3.93" 40-100mm	1.57"-3.93" 40-100mm	1.57"-3.93" 40-100mm	1.57"-3.93" 40-100mm