



320 Northpoint Parkway SE
 Suite B & C
 Acworth, GA 30102 USA
 Tel: 770-529-6800
 Fax: 770-529-6840
www.dmswireless.com

May 2010

PANEL DIRECTIONAL ANTENNA		Wireless Broadband Sector Base Station Antenna
5725 - 5850 MHz		
	PA5718014V	PA5718014H
Electrical Data		
Gain (dBi)	14	14
Beamwidth Vertical (Degrees)	6.7	6
Beamwidth Horizontal (Degrees)	180	180
Front to Back Ratio (dB)	>=20dB	>=20dB
VSWR (typical)	1.5 or less	1.5 or less
Rated Wind Velocity	210kmh/130mph	210kmh/130mph
Maximum Power (watts)	100	100
Polarization	Vertical	Horizontal
Input Impedance	50 Ohms	50 Ohms
PIM (dBm)	<-107	<-107
Physical Data		
Construction	Air Dielectric	Air Dielectric
Radiation Element	Copper	Copper
Radome Material	UV Res. Fiberglass	UV Res. Fiberglass
Mounting Hardware	S/S Tilt Brackets	S/S Tilt Brackets
Connector Interface	Female N	Female N
Structure	One Panel	One Panel
Lightning Protection	Direct Ground	Direct Ground
Fits Mast Size	1.5" - 2.75"	1.5" - 2.75"
	40 - 70 mm	40 - 70 mm