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**PANEL DIRECTIONAL  
 ANTENNA**

**Wireless Broadband Sector  
 Base Station Antenna**

**746 - 806 MHZ**

	<b>PA7469016V</b>	<b>PA7469016H</b>
<b>Electrical Data</b>		
Gain (dBi)	16	16
Beamwidth (degrees)	90H 8.5V	90H 8.5V
Front to Back Ratio (dB)	>23	>23
VSWR (typical)	1.5 or less	1.5 or less
Windload (km/h)	200 km/h	200 km/h
Maximum Power (watts)	500	500
Polarization	Vertical	Horizontal
Input Impedance	50 Ohms	50 Ohms
PIM (dBm)	<-107	<-107
<b>Physical Data</b>		
Construction	Air Dielectric	Air Dielectric
Radiation Element	Aluminum Alloy	Aluminum Alloy
Radome Material	UV Resistant PVC	UV Resistant PVC
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
Length	86.4"/2160mm	66"/1650mm
Width	10.8"/270mm	10.8"/270mm
Depth	6"/150mm	6"/150mm
Weight	34.1#/15.5kg	30.3#/13.8kg
Fits Mast Size	1.57"-3.94" 40-100mm	1.57"-3.94" 40-100mm