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**PANEL DIRECTIONAL
 ANTENNA**

**Wireless Broadband Sector
 Base Station Antenna**

746 - 806 MHZ

	PA74612016V	PA74612016H
Electrical Data		
Gain (dBi)	16	16
Beamwidth (degrees)	120H 7V	120H 7V
Front to Back Ratio (dB)	>20	>20
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
Physical Data		
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	114"/2850mm	86.4"/2160mm
Width	10.8"/270mm	10.8"/270mm
Depth	6"/150mm	6"/150mm
Weight	44#/20kg	36#/16.5kg
Fits Mast Size	1.57"-3.94"	1.57"-3.94"
	40-100mm	40-100mm