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**PANEL DIRECTIONAL  
 ANTENNA**

**Wireless Broadband Sector  
 Base Station Antenna**

**824-896 MHZ**

**Electrical Data**

	<b>PA80012015V</b>	<b>PA80012016V</b>
Gain (dBi)	15	16
Beamwidth (degrees)	120H 8V	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)	250	250
Polarization	Vertical	Vertical
Input Impedance	50 Ohms	50 Ohms
PIM (dBm)	<-107	<-107

**Physical Data**

	<b>PA80012015V</b>	<b>PA80012016V</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

Fits Mast Size	1.57"-3.93" 40-100mm	1.57"-3.93" 40-100mm
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