



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

October 2006

PANEL DIRECTIONAL ANTENNA

**Wireless Broadband Sector
 Base Station Antenna**

746 - 806 MHZ

PA7466516X

Electrical Data

Gain (dBi)	16
Beamwidth (degrees)	65H 13.2V
Front to Back Ratio (dB)	>25
VSWR (typical)	1.5 or less
Isolation	≥30dB
Cross-Polar Discrimination	>15dB
Windload (km/h)	200 km/h
Maximum Power (watts)	500
Polarization Cross	<u>45</u>
Input Impedance	50 Ohms
PIM (dBm)	<-107

Physical Data

Construction	Air Dielectric
Radiation Element	Aluminum Alloy
Radome Material	UV Resistant PVC
Mounting Hardware	S/S Tilt Brackets
Connector Interface	Female N
Structure	One Panel
Lightning Protection	Direct Ground

Fits Mast Size

40-100mm