



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**

1850 - 1950 MHZ

Electrical Data

Gain (dBi)
 Beamwidth (degrees)
 Front to Back Ratio (dB)
 VSWR (typical)
 Windload (km/h)
 Maximum Power (watts)
 Polarization
 Input Impedance
 PIM (dBm)

PA18509017V

17
 7.2V 90H
 ≥25dB
 ≤1.5
 210
 250W
 Vertical
 50 Ohms
 <-107

PA18509016H

16
 10.5V 90H
 ≥25dB
 ≤1.5
 210
 250W
 Horizontal
 50 Ohms
 <-107

Physical Data

Construction
 Radiation Element
 Radome Material
 Mounting Hardware
 Connector Interface
 Structure
 Lightning Protection

Air Dielectric
 Aluminum Alloy
 UV Resistant PVC
 S/S Tilt Brackets
 Female N
 One Panel
 Direct Ground

Air Dielectric
 Aluminum Alloy
 UV Resistant PVC
 S/S Tilt Brackets
 Female N
 One Panel
 Direct Ground

Fits Mast Size

1.5" - 2.0"
 35-52mm

1.5" - 2.0"
 35-52mm