



320 Northpoint Parkway SE  
 Suite B & C  
 Acworth, GA 30102 USA  
 Tel: 770-529-6800  
 Fax: 770-529-6840  
[www.dmswireless.com](http://www.dmswireless.com)

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| PANEL DIRECTIONAL ANTENNA | Wireless Broadband Sector |                       |                       |
|---------------------------|---------------------------|-----------------------|-----------------------|
|                           | Base Station Antenna      |                       |                       |
| 2400 - 2483 MHZ           | PA249012V                 | PA249014V             | PA249016V             |
| <b>Electrical Data</b>    |                           |                       |                       |
| Gain (dBi)                | 12                        | 14                    | 16                    |
| Beamwidth (degrees)       | 25V 90H                   | 14V 90H               | 7V 90H                |
| Front to Back Ratio (dB)  | >=25dB                    | >=25dB                | >=25dB                |
| VSWR (typical)            | <=1.5                     | <=1.5                 | <=1.5                 |
| Rated Wind Velocity       | 210kmh/130mph             | 210kmh/130mph         | 210kmh/130mph         |
| Maximum Power (watts)     | 100                       | 100                   | 100                   |
| Polarization              | Vertical                  | Vertical              | Vertical              |
| Input Impedance           | 50 Ohms                   | 50 Ohms               | 50 Ohms               |
| PIM (dBm)                 | <-107                     | <-107                 | <-107                 |
| <b>Physical Data</b>      |                           |                       |                       |
| Construction              | Air Dielectric            | Air Dielectric        | Air Dielectric        |
| Radiation Element         | Aluminum Alloy            | Aluminum Alloy        | Aluminum Alloy        |
| Radome Material           | UV Resistant PVC          | UV Resistant PVC      | UV Resistant PVC      |
| Mounting Hardware         | S/S Tilt Brackets         | S/S Tilt Brackets     | S/S Tilt Brackets     |
| Connector Interface       | Female N                  | Female N              | Female N              |
| Structure                 | One Panel                 | One Panel             | One Panel             |
| Lightning Protection      | Direct Ground             | Direct Ground         | Direct Ground         |
| Fits Mast Size            | 1.5"-2.76"<br>40-70mm     | 1.5"-2.76"<br>40-70mm | 1.5"-2.76"<br>40-70mm |

Photos: Photos for PA Series - PANEL SECTOR DIRECTIONAL ANTENNA

Photo may not be exact model.

Please note the construction, the materials and the mounting hardware are accurate in photos, size may be different.

Specifications: Specifications subject to change without notice.

Any questions, please contact DMS WIRELESS

<http://www.dmswireless.com>

[wireless@dmswireless.com](mailto:wireless@dmswireless.com)

All products FCA Warehouse, Acworth, GA 30102 USA

One year warranty: Repair or replacement, no freight included.

Contact DMS WIRELESS for RMA.

No returns accepted without RMA.