# PANEL - SECTOR ANTENNA 698 - 760 MHz

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| | **NLOS** | None LIne of Site Applications |
| **Features of the 700 MHz Sector Antenna** | **BASE STATION** | **WISP Applications** |
| True to Specification Performance for Excellent RF Operation | | |
| Air Dielectric Construction | | |
| Copper Clad PCB for Radiation Elements | | |
| Broadband Dipole Array on Aluminum Extrusion Reflector | | |
| Irridite Treated Aluminum for Reflector | | |
| Powder Coat Finish over Heavy Duty Aluminum | | |
| UV Stabilized Resistant PVC Plastic Radome for Long Life | **SPECIFICATIONS** | |
| DC Ground for Lightning Protection | **Part Number** | **PA7009012V** |
| Lifetime Warranty Female N Connector | **Frequency Range** | 698 - 760 MHz |
| Heat Shrink on Recessed Connector for Moisture Control | **Gain** | 12 dBi |
| Heavy Duty Stainless Steel Scissor Tilt Mounting System | **Beamwidth** | 90 H 25.8V |
| Mechanical Downtilt up to 15 Degrees Adjustable | **Front to Back Ratio** | >23 |
| -45 to +70 Degrees Centigrade Operating Temperatures | **VSWR** | 1.5 or less typical |
| | **Rated Wind Velocity** | 210km/h 130m/h |
| | **Maximum Power** | 250 Watts |
| | **Polarization** | Vertical |
| | **Input Impedance** | 50 Ohms |
| | **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 |
| | **Length** | 29.7”/730mm |
| | **Width** | 11.4”/290mm |
| | **Depth** | 5.1”/130mm |
| | **Weight** | 20.9#/9.5kg |
| | **Mast Sizes Compatible** | 1.5”-3.54”/40-90mm |
| | **Mounting Brackets** | Polyester Powder Coat |
| | **Mounting Hardware** | Stainless Steel Nuts & Bolts |
| Shipped Direct from Manufacturer | Photo may not be | exact model |
| One Year Warranty, Repair or Replacement, Provided by Manufacturer | | www.1wirelessway.com |