

**5 GHz Broadband Sector Antenna, 90°****MA-WD50-6X**[Patterns](#)

**Mars 5 GHz Broadband Sector Antenna** provides a cost effective solution for large scale WLL, WLAN, H-LAN, ISM, UNII, and Point to Multi Point applications.

**Specifications:****Electrical**

|                                  |                  |
|----------------------------------|------------------|
| Frequency range                  | 5.15 - 5.875 GHz |
| Gain, typ.                       | 16 dBi           |
| VSWR, max.                       | 1.7 : 1          |
| 3dB Beam-Width - Azimuth, typ.   | 90°              |
| 3dB Beam-Width - Elevation, typ. | 5°               |
| Polarization                     | Linear Vertical  |
| Cross-polarization Level, max.   | -20 dB           |
| Front to back ratio              | -25 dB           |
| Power Handling                   | 50 W             |
| Input Impedance                  | 50 Ohm           |

**Mechanical and Environmental**

|                      |                       |
|----------------------|-----------------------|
| Dimensions (LxWxH)   | 554x76x53 mm          |
| Radome               | Plastic, UV protected |
| Connector            | N-Type, F             |
| Lightning Protection | DC Grounded           |
| Temperature          | -40°C to +70°C        |

**Standard Compliance**

- ETSI EN 302 085 v1.1.2 (2001-02), CS 1

Specifications subject to change without notice

