

## 5 GHz Broadband Sector Antenna, 60°

[Contact](#)

### MA-WC50-5X

[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:

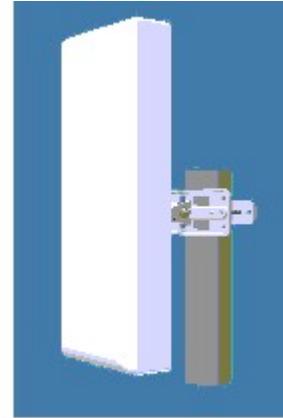
Electrical	
Frequency range	5.15 - 5.875 GHz
Gain, typ.	17 dBi
VSWR, max.	1.7 : 1
3dB Beam-Width - Azimuth, typ.	60°
3dB Beam-Width - Elevation, typ.	5°
Polarization	Linear Vertical
Cross-polarization Level, max.	-20 dB
Front to back ratio	-25 dB
Power Handling	50 Watts
Input Impedance	50 Ohms
Mechanical and Environmental	
Dimensions (LxWxD)	554x76x53 mm
Radome	Plastic, UV protected
Connector	N-Type, F
Lightning Protection	DC Grounded
Temperature	-40°C to +70°C
Standard Compliance	

## 90° 5 GHz Horizontally Polarized Sector Antenna

[Contact](#)

### MA-WD50-6H

**MARS 90° 5 GHz Horizontally Polarized Sector Antenna** provides a cost effective solution for WLL, MMDS and Point to Point applications, in spectrally crowded areas in this band. The antenna is light weight and has durable construction.



#### Specifications:

Electrical	
Frequency range	5.15 - 5.875 GHz
GAIN, min.	15.5 dBi
VSWR, max.	1.7 : 1
3 dB Beam Width - Azimuth, typ.	90°
3 dB Beam Width - Elevation, typ.	6°
Cross Polarization	- 20 dB
Polarization	Linear Horizontal
Power Handling	20 W
Input Impedance	50 Ohm
Mechanical and Environmental	
Dimensions (LxWxD)	500x170x116 mm
RF Connector	N- Type, Female
Radome	Plastic, UV Protected
Back Plate	Aluminum, Coated
Temperature (Operating)	-40°C to +65°C
Humidity	100%

## 5 GHz Broadband Sector Antenna, 90°

[Contact](#)

**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 Watts
Input Impedance	50 Ohms
Mechanical and Environmental	
Dimensions (LxWxD)	554x76x53 mm
Radome	Plastic, UV protected
Connector	N-Type, F
Lightning Protection	DC Grounded
Temperature	-40°C to +70°C
Standard Compliance	