

MA-WP2556-DP12

2.4-2.7 GHz & 5-6 GHz Dual Band Dual Polarization Parabolic Reflector Antenna, 1.2m

MARS brand new Prime focus, Dual Band, Dual Polarization, Parabolic Reflector antenna provides coverage of 2.4-2.7 GHz & 5-6 GHz
 The Parabolic Reflector antenna has a total of four connectors for vertical & horizontal polarization (2 V&H connectors for 2.4-2.7 GHz and 2 V&H connectors for 5-6 GHz)



Additional features:

- Efficient and stable performance.
- High gain stable performance.
- Suitable for harsh weather.

Specifications

Electrical		
Frequency range	2.4-2.7 GHz	5.0 - 6.0 GHz
GAIN, typ.	25 ± 1 dBi	32.5 ± 1 dBi
VSWR, max.	1.7 : 1	2.0 : 1
Polarization	Dual Polarized	
Cross Polarization	10 dB	20 dB
3 dB Beam-Width, H-Plane, typ.	6°	3°
3 dB Beam-Width, E-Plane, typ.	6°	3°
Front to Back Ratio.	-30 dB	-40 dB
Port to Port Isolation	-15 dB	-20 dB
Interband isolation	-20 dB	-20 dB
Input power, max	20 Watt	
Input Impedance	50 Ohm	

Mechanical	
Dimensions (Ø)	1200 mm. (4 ft.)
Weight	18 kg.
Connector	4 x N-Type, Female
Back Plane	Aluminum protected through chemical passivation
Mount	MNT-WP12

Environmental	
Operating Temperature Range	-40°C to +65°C
Vibration	According to IEC 60721-3-4
Wind Load	200 km/h (survival)
Flammability	UL94
Water Proofing	IP-65
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)
Salt Fog	According to IEC 68-2-11
Ice and Snow	25mm radial (survival)

MARS Antennas & RF Systems proprietary information

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