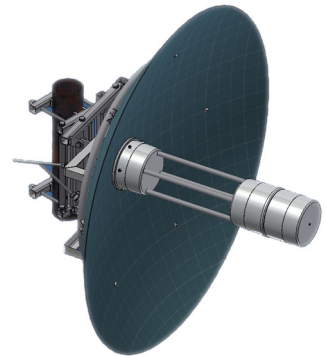


MA-WP2556-DP12

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

MARS reserves the right to make technical changes or modifications to any of its products and specifications without prior notice and without implementing such changes to prior supplied products. Product images are representative and indicative only. Warranty terms and general conditions of sale are applicable on any purchase of any product, available on MARS website.

3 Hamanor st. Holon 5886103, P.O.Box 1852 Holon 5811801, Israel

Tel: +972-3-5599661 • Fax: +972-3-5599677 • e-mail: mars@marsant.co.il • web: www.mars-antennas.com