MARS ANTENNAS & RF SYSTEMS LTD.

RoHS COMPLIANT 2011/65/EU

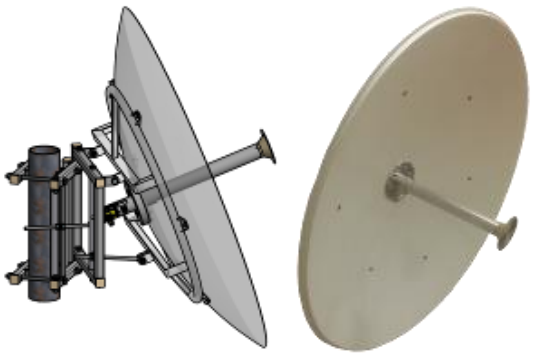
MA-WP56-DP34

4.9-6.1 GHz Dual Polarization Parabolic Dish Antenna, 1.2m (4ft)

MARS brand new High Gain, Dual Polarization, Parabolic Dish antenna provides coverage of 4.9 – 6.1 GHz

Additional features:

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



Specifications

Electrical	
Frequency range	4.9-6.1 GHz
GAIN, typ.	34 dBi @ 5.15-6.10 GHz 32 dBi @ 4.90-5.15 GHz
VSWR, max.	2.0: 1 @ 4.90-5.15 GHz 1.7: 1 @ 5.15-5.90 GHz 2:0: 1 @ 5.90-6.10 GHz
Polarization	Dual Polarized
Side Lobe Level, typ.	-18 dB
Cross Polarization, typ.	-20 dB
3 dB Beam-Width, H-Plane, typ.	3°
3 dB Beam-Width, E-Plane, typ.	3°
Front to Back Ratio	-40 dB
Port to Port Isolation, typ.	-36dB @ 4.9-5.6 GHz -20dB @ 5.6-6.1 GHz
Input power, max	100 Watt
Input Impedance	50 Ohm
Mechanical	
Dimensions (Ø)	1200 mm. (4 ft.)
Weight	18 kg.
Connector	2 x N-Type, Female
Mount	See Ordering Options
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)

Ordering Options

MA-WP56-DP34	Antenna Suited for MNT-WP12 mount
MA-WP56-DP34B	Antenna with MNT-WP12 mount

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