

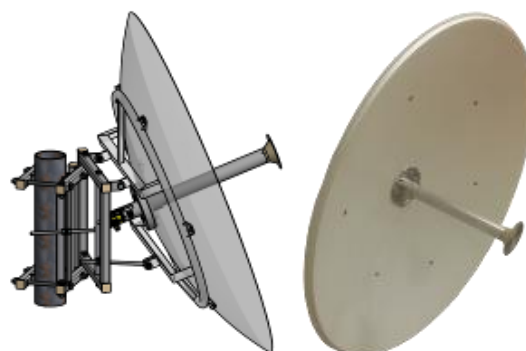
MA-WP56-DP34

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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