

MA-WP600-36 **Preliminary**
57-64 GHz Parabolic Dish Antenna, 13cm Diameter

MARS's brand new **MA-WP600-36** V-Band millimeter wave (mmW) dish antenna covers 57-64 GHz frequencies, with exceptionally efficient performance of 36dBi.

MARS **MA-WP600-36** dish antenna features lightweight of less than 0.35kg and compact size design of 130mm in diameter (0.39ft.), which results in beamwidth of 2.5°.

MARS **MA-WP600-36** low-profile aesthetics design minimizes visual impact in any urban environment or other landscape.

MARS **MA-WP600-36** is pre-assembled.
 Connect the easy-to-use MNT-22 and install.



Specifications

Electrical	
Frequency range	57 – 64 GHz
Gain, typ.	36 dBi
VSWR, max.	1.5: 1
Polarization	Single Polarized
Side Lobe Level, typ.	Vertical or Horizontal
Cross Polarization, typ.	-17 dB
3 dB Beam-Width, H-Plane, typ.	-25 dB
3 dB Beam-Width, E-Plane, typ.	2.5°
Front to Back Ratio, min.	2.5°
Input power, max	-40 dB
Input Impedance	100 Watt
	50 Ohm

Mechanical	
Dimensions (Ø)	130 mm. (0.39 ft.)
Dimensions (L x W x H)	160 x160 x 34 mm.
Weight	<0.35 kg.
Connector	WR-15 Waveguide with UG-385/U-M Flange
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-WP600-36	Antenna Suited for MNT-22 mount
MA-WP600-36B	Antenna with MNT-22 mount

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