

MA-WP29-38

27.5 – 31.3 GHz Parabolic Dish Antenna, 1 ft.

MARS NEW MA-WP29-38 is a millimeter wave, high performance and high efficiency parabolic dish antenna.

The antenna covers frequency band of 27.5-31.3 GHz with WR28 waveguide input standard with UG599/U flange.

The antenna is aesthetic small and has unobtrusive profile that blends easily with any environment.

The antenna is easy-installed and is highly recommended as an outstanding logistic solution for Outdoor installations.



Specifications

Electrical

Frequency range	27.5 – 31.3 GHz
Gain, typ.	38 dBi
VSWR, max.	1.5 : 1
Polarization	Linear
Side Lobe Level	ETSI EN 301215-2 TS2
Cross Polarization	ETSI 302 217 Class 3B
3 dB Beam-Width, H-Plane, typ.	2.2°
3 dB Beam-Width, E-Plane, typ.	2.2°
Front to Back Ratio, min.	-60 dB
Input power, max	100 Watt

Mechanical

Dimensions (Ø)	300 mm (1 ft.)
Weight	3 kg.
Connector	WR28 with UG599/U flange
Radome	Plastic UV Protected
Mount	Included

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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