



0.9m/3ft Standard Microwave Parabolic Antenna High Gain Communication For Long Range Transmission

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Famous
- Certification: CE ISO9001
- Model Number: Microwave Parabolic Antenna
- Minimum Order Quantity: 1 SET
- Price: Negotiable
- Packaging Details: Standard export packaging/customizable packaging
- Payment Terms: T/T L/C



Product Specification

- Name: Microwave Parabolic Antenna
- Diameter Of Mounting Pole: $\phi 114$ Mm
- Fine Azimuth Adjustment: Coarse 360° Fine $\pm 15^\circ$
- Fine Elevation Adjustment: Fine $\pm 10^\circ$
- Wind Velocity Operational: 180km/h
- Wind Velocity Survival Rating: 250km/h
- Ice-load: 25.4 Mm
- Operational Temperature: $-55 \sim +70$
- Highlight:
 - long range transmission microwave parabolic antenna
 - high gain communication microwave parabolic antenna
 - 3ft high gain parabolic antenna

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Product Description

The Microwave Parabolic Antenna is a cutting-edge communication device renowned for its exceptional performance in long-range signal transmission and reception. Its parabolic reflector design allows for precise focusing of electromagnetic waves, minimizing signal loss and maximizing communication range. With high-gain capabilities, this antenna can amplify weak signals, ensuring reliable connectivity even in challenging environments. Its robust construction and weatherproof design make it suitable for outdoor installations, while its low interference design enhances signal clarity. Versatile and reliable, the Microwave Parabolic Antenna is a preferred choice for various applications, including satellite communication, wireless networks, radar systems, and more, making it an indispensable tool in modern communication infrastructure.

Features:

Stable gain over ultra-wide bandwidth

Comes pre-assembled from the factory for quickest time to tower

Includes radome ensuring robust and reliable performance under the most challenging condition

Optimized F/B & side-lobe suppression minimizes interference

Installs in minutes to reduce service calls and installation time

Heavy-duty bracket with fine elevation and azimuth adjustment

Heavy-duty hardware survives 250Km/h wind speeds

Electrical performance:

Antenna Model	Antenna Size(m)	Frequency (GHz)	Gain(dBi)			3dB BW (deg)	XPD (dB)	VSWR	F/B ratio (dB)	ISO
			Low	Mid	Top					
CM09U6WD	0.9	5.925-7.125	32.7	33.5	34.3	3.6	30	1.3	58	35
CM09U7WD	0.9	7.125-8.5	34.3	35.1	35.8	2.8	30	1.3	59	35
CM09U10WD	0.9	10.125-11.7	37.0	38.0	38.6	2.0	30	1.3	63	35
CM09U13D	0.9	12.75-13.25	39.3	39.5	39.7	1.7	30	1.3	64	35
CM09U15D	0.9	14.4-15.35	40.4	40.7	41	1.5	30	1.3	59	35
CM09U18D	0.9	17.7-19.7	42.2	42.7	43.1	1.2	30	1.3	68	35
CM09U23D	0.9	21.2-23.6	43.7	44.2	41.1	1.0	30	1.3	69	35
CM09U26D	0.9	24.2-26.5	44.9	45.3	45.7	0.9	30	1.3	70	35

Mechanical performance:

Diameter of Mounting Pole	Φ114 mm
Fine Azimuth Adjustment	Coarse 360° Fine ±15°
Fine Elevation Adjustment	Fine ±10°
Wind Velocity Operational	162km/h
Wind Velocity Survival Rating	250km/h
Ice-load	25.4 mm
Operational Temperature	-45 ~ +65

1.The low/mid/high gain has≤0.5dBi tolerance is within the normal range;

2.F/Bradio:Denotes highest radiation relative to the main beam,at 180°±40°,across the band.Production antennas do not exceed rated values by more than 2 dB unless stated otherwise;



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