

Broadband Microwave Parabolic Antenna for Voice Data and Video Transmission

Our Product Introduction

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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: **Broadband Microwave Parabolic Antenna, Microwave Parabolic Antenna for Voice Data, Microwave Parabolic Antenna for Video Transmission**



Product Description

The Microwave Parabolic Antenna stands as a pinnacle in wireless communication technology, renowned for its precision engineering and unparalleled performance in long-range connectivity. Let's delve into the key features that make this antenna a cornerstone in modern communication networks.

1. High-Gain Design:

With its parabolic reflector, this antenna achieves exceptional gain, amplifying signals for extended coverage and improved signal strength. The high-gain design ensures reliable communication even over vast distances, making it ideal for point-to-point links and satellite communication.

2. Focused Signal Transmission:

The parabolic shape of the antenna enables precise beam focusing, directing signals with accuracy and reducing signal dispersion. This focused transmission enhances signal clarity and minimizes interference, ensuring robust and uninterrupted communication.

3. Broadband Capability:

Designed to operate across a wide frequency range, the Microwave Parabolic Antenna offers broadband capability, catering to diverse communication needs. Whether for voice, data, or video transmission, this antenna delivers consistent performance across various applications.

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 (degs)	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	44.1	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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