

Adjustable Downtilt Base Station Antenna

This base station antenna provides adjustable electrical downtilt for optimized signal coverage. It is designed for use in various communication systems and supports multiple frequency bands.



Product Overview



High-Performance Base Station Antenna

This adjustable electrical downtilt base station antenna is engineered for professional cellular communication networks. It features advanced beamforming technology and remote signal optimization to maximize coverage while minimizing interference in both urban and rural deployments. Built with durable materials, it ensures long-lasting reliability and enhanced network capacity for demanding environmental conditions.

Key Performance Metrics



Performance Highlights

21 dBi Max Gain	1.5 Max VSWR	8 ° Max Downtilt
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Electrical Specifications



Detailed Band Performance

Band (MHz)	Gain (dBi)	Horizontal Beam Width	Vertical Beam Width
1710-1880	20.5	67°	4.5°
1850-1990	20.8	65°	4°
1920-2170	21	63°	3.5°

Frequency Range	1710-2170 MHz
Isolation Between Ports	30 dB
Electrical Downtilt	0-8°
Polarization	±45°
Front to Back Ratio	25 dB
Cross Polarization Ratio	e16B@0° (e10 dB @±60°)

Deployment & Application



Core Features

- Adjustable electrical downtilt for precise beam steering
- Robust construction for harsh weather resistance
- High gain and low VSWR for efficient transmission
- Compatible with multiple wireless communication standards
- Optimized for signal quality and interference reduction

Ideal Applications

Cellular Networks, Wireless Communication, Urban Deployment, Rural Deployment, Outdoor Installation

Identification

Model Number

HXHMDX0B0021065DXTHF