

Adjustable Electrical Downtilt Base Station Antenna

This adjustable electrical downtilt base station antenna is designed for cellular communication networks. It supports multiple frequency bands and provides adjustable downtilt capabilities for optimized coverage and capacity.



Overview



High-Performance Base Station Antenna

This adjustable electrical downtilt base station antenna is engineered for professional cellular communication networks. It features Remote Electrical Tilt (RET) capabilities, allowing for dynamic adjustment of radiation patterns to optimize network coverage and capacity. Designed for robust outdoor deployment, it supports multiple frequency bands including 698-960MHz and 1710-2690MHz, ensuring compatibility with various wireless communication standards.

Key Performance Metrics



Key Performance Metrics

18 dBi

Maximum Gain

1.5

Max VSWR

30 dB

Min Isolation

Electrical Specifications



Detailed Electrical Performance

Frequency Range (MHz)	Gain (dBi)	Horizontal Beam Width
698~896	17.3	66°
880~960	17.5	64°
1710~1920	17.5	66°
1920~2170	17.8	63°
2490~2690	18	63°

Supported Frequency Bands

698-960 MHz, 1710-2690 MHz

Mechanical Design



Input Connector

6*7/16 DIN female

Connector Position

Bottom

Physical Dimensions

Antenna Dimensions

2550 x 300 x 150 mm

Antenna Weight

21 kg

Mounting Kit Weight

5.4 kg

Logistics

Packing Dimensions

2850 x 450 x 240 mm

Place of Origin

China