

2.4GHz 18dBi Outdoor CPE Panel Antenna

This 2.4GHz 18dBi CPE enclosure panel antenna is designed for outdoor wireless applications. It features a high-gain panel antenna integrated within a weatherproof enclosure, providing enhanced signal strength and coverage.



ADDITIONAL IMAGES



Overview

High-Performance Outdoor CPE Antenna

The HXD24P-18 is a robust 2.4GHz outdoor CPE panel antenna designed for reliable point-to-point and point-to-multipoint wireless deployments. Featuring a high 18dBi gain and an integrated weatherproof enclosure, this unit protects sensitive internal electronics from harsh environmental conditions. Its durable aluminum die-cast and ABS construction ensures longevity, making it an ideal solution for extending wireless range and improving signal quality in demanding outdoor environments.

Electrical Specifications

Gain

18 dBi
Gain

Beam Width

Plane	Width (°)
Horizontal	25
Vertical	23

Performance Metrics

- Polarization: Vertical
- F/B Ratio: >28 dB
- Impedance: 50 ©
- VSWR: d1.5
- Max Input Power: 100 W
- Lightning Protection: DC Ground

Frequency Range

2400-2500 MHz

Mechanical Specifications

Environmental Durability

- Connector: N-Female
- Rated Wind Velocity: 60 m/s
- Mounting Hardware: ~~AE35-1550~~

Antenna Dimensions	305 x 305 x 20 mm
Inner Enclosure Space	190 x 190 x 35 mm
Weight	2.6 kg
Construction Materials	ABS Radome, Aluminum Die Cast Enclosure