

2.4 GHz 16 dBi Directional CPE Panel Antenna

This 2.4 GHz antenna provides a 16 dBi gain for enhanced signal strength. The integrated enclosure protects the antenna elements for reliable outdoor operation.



ADDITIONAL IMAGES



Overview

High-Performance Directional CPE Antenna

The HXD24P-16 is a high-performance directional CPE panel antenna engineered for robust 2.4 GHz wireless communication. Featuring a 16 dBi gain and a focused 23-degree beamwidth, it is optimized for long-range point-to-point and point-to-multipoint links. Its integrated weatherproof enclosure and durable construction ensure reliable performance in demanding outdoor environments.

Performance Highlights

16 dBi

Gain

2400 MHz

Frequency Start

2500 MHz

Frequency End

Electrical Specifications

Half-power beam width

- Horizontal: 23°
- Vertical: 23°

| | |
|----------------------|-----------|
| Model | HXD24P-16 |
| Polarization | Vertical |
| F/B Ratio | >25 dB |
| Impedance | 50 © |
| VSWR | 1.5 |
| Maximum input power | 100 W |
| Lightning protection | DC Ground |

Mechanical Specifications

| | |
|----------------------------|---|
| Connector | N-Female |
| Antenna Dimensions | 260 x 260 x 90 mm |
| Inner Space of Enclosure | 190 x 190 x 35 mm |
| Weight | 2 kg |
| Construction Materials | ABS Radome, Aluminum Die Cast Enclosure |
| Rated wind velocity | 60 m/s |
| Mounting hardware diameter | Æ35 – Æ50 |