

## 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 – <del>Æ50</del>