

2.4 GHz 18 dBi CPE Enclosure Panel Antenna

This is a 2.4 GHz enclosure panel antenna with 18 dBi gain. It is designed for long-range wireless communication and features a robust enclosure for outdoor deployment.



ADDITIONAL IMAGES



Product Overview

High-Performance CPE Enclosure Antenna

The HXD24P-18 is a professional-grade 2.4 GHz CPE enclosure panel antenna engineered for long-range wireless communication. Featuring a robust aluminum die-cast enclosure, it provides superior weather protection for internal electronics while simplifying installation for outdoor point-to-point and point-to-multipoint networks. With an 18 dBi gain and focused beam width, this antenna ensures reliable connectivity and enhanced signal strength in demanding environmental conditions.

Electrical Specifications

Gain

18 dBi
Gain

Beam Width

Plane	Width
Horizontal	20
Vertical	22

Frequency Range	2400 MHz
Polarization	Vertical
VSWR	d1.5
Maximum Input Power	100 W
Impedance	50 ©

Mechanical Specifications

Dimensions	280 x 280 x 70 mm
Weight	3.5 kg
Construction Materials	ABS Radome, Aluminum Die Cast Enclosure
Connector Type	N-Female
Rated Wind Velocity	60 m/s
Compatible Pole Diameter	35–50 mm

Safety & Protection

Lightning Protection	DC Ground
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