

2.4 GHz 10 dBi Directional Panel Antenna

This is a 2.4 GHz panel antenna with 10 dBi gain. It is designed for directional signal transmission and reception in wireless communication systems.



ADDITIONAL IMAGES



Product Overview

High-Performance Directional Connectivity

The HXD24P-14-2 is a high-gain directional panel antenna engineered for robust wireless communication within the 2.4 GHz ISM band. Delivering a 10 dBi gain, this antenna focuses signal transmission to significantly enhance range and reliability for Wi-Fi networks, wireless security systems, and industrial data transmission. Its durable ABS radome construction and high wind resistance ensure consistent performance in both indoor and outdoor environments.

Electrical Specifications

Frequency Range

2400 MHz
Start Frequency

2500 MHz
End Frequency

Half-Power Beam Width

Plane	Degrees
Horizontal	63
Vertical	45

Lightning Protection

DC Ground

Gain	10 dBi
Polarization	Vertical
Impedance	50 ©
VSWR	d1.5
Maximum Input Power	100 W

Mechanical Specifications

Connector Type	N-Female
Dimensions	140 x 120 x 40 mm
Weight	0.55 kg
Radome Material	ABS
Rated Wind Velocity	60 m/s
Mounting Hardware	E35/450