



PH-24LC

2.4 GHz High Performance LAN Antenna 27 dBi

Special parabolic antenna provides 27 dBi (60 dBi with special pre-amplifier) gain with a 5.3° beam-width for highly directional long range applications. Additional applications include wireless network, point to multi-point and video surveillance in the 2.4 GHz ISM band. External interference of this antenna is minimized due to the excellent front to back ratio. This antenna comes with an 18" coax lead terminated with an N female type connector.

This antenna's construction features a welded steel reflector grid for superior strength. The grid surface is UV powder coated for durability and aesthetics, and the open-frame design minimizes wind loading.



Electrical and Mechanical Specifications

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Frequency	2400-2500 MHz
Gain	27 dBi
Horizontal Beam Width	8.0 degrees
Vertical Beam Width	8.0 degrees
Impedance	50 Ohm
Max. Input Power	150 Watts
Front to Back Ratio	> 32 dB
VSWR	< 1.5:1 avg.
Weight	18 lbs
Dimensions	920mm
Mounting	1.5" (38mm) to 3" (76mm) dia. mast
Grid Material	Galvanized Steel
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
Polarization	Vertical
Wind Survival	130 MPH

RF Antenna Gain Patterns

