

HyperLink Wireless 2.4 GHz 14 dBi Flat Patch Range Extender Antenna Model: RE14P-XX

Applications

- 2.4 GHz ISM Band
- IEEE 802.11b, 802.11g and 802.11n applications
- Bluetooth® & public wireless hotspot
- Wireless video systems
- WiFi applications

Features

- Compact size, 8.5 in. square
- Durable UV-stable, UL flame rated radome
- Low-loss solid brass element & DC Short lightning protecting
- 4 foot low-loss coax cable, optional pigtails and mounting brackets available
- Can be installed for either vertical or horizontal polarization



Description

The Re14P is a high performance directional flat patch range extender antenna suitable for indoor and outdoor applications in the 2.4GHz ISM band, including IEEE 802.11b, 802.11g and 802.11n wireless LANs, Bluetooth®, and public wireless hotspots. This WiFi antenna is lightweight and features an aesthetic UV-stable, UL flame rated white plastic radome which can also be painted to match the room or building structure. The RE14P can be installed for horizontal or vertical polarization. It can be wall or ceiling mounted, as well as mast-mounted using U-bolts.

Specifications

Electrical Specifications

Frequency	2400-2500 MHz
Gain	14 dBi
Horizontal Beam Width	30 Degrees
Vertical Beam Width	30 Degrees
Impedance	50 Ohm
Max. Input Power	25 Watts
VSWR	< 1.5:1 avg.
Lightning Protection	DC Short

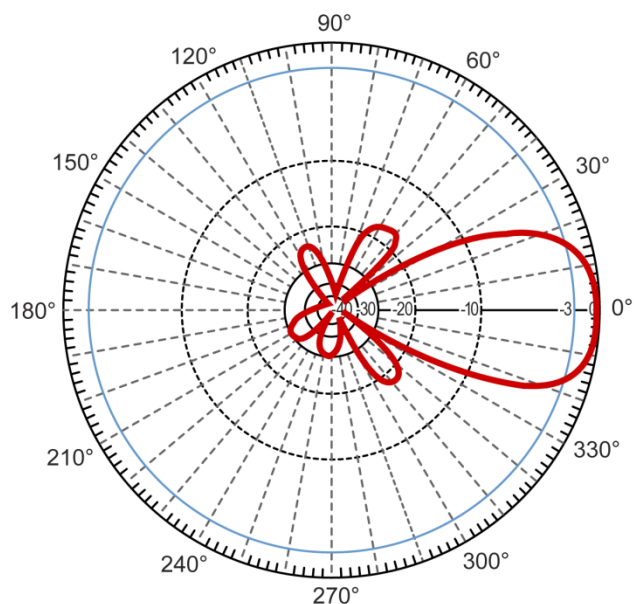
Mechanical Specifications

Weight	0.95 lbs. (0.43 kg)
Dimensions	8.5 x 8.5 x 1.0 in. (216 x 216 x 26 mm)
Radome Material	UV-inhibited Polymer
Flame Rating	UL 94HB
Mounting	(4) 0.26 Dia. Holes, (2) ¼-20 Tapped Holes and (4) 10-24 Tapped Holes
Polarization	Horizontal or Vertical
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Wind Survival	>150 MHP (241 KPH)
RoHS Compliant	Yes

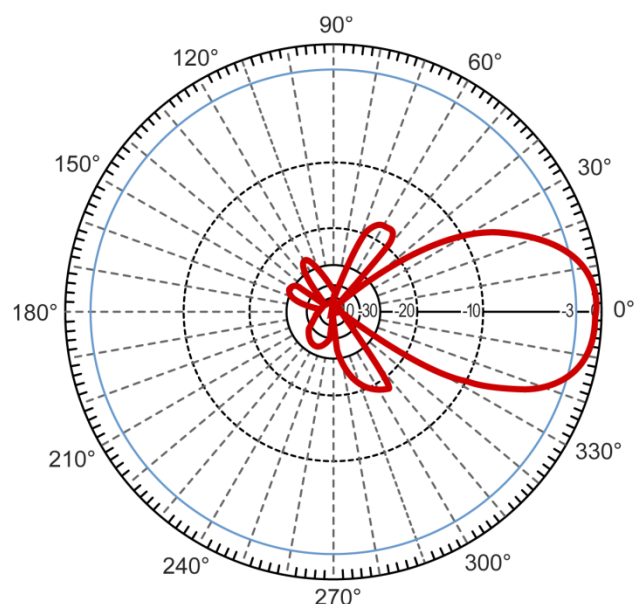
Wind Loading Data

Wind Speed (MPH)	Loading (LBS)
100	25.6
125	40.0

RF Antenna Gain Patterns



Vertical



Horizontal