P2Q-Link Wireless 900 MHz, 14 dBi High PerformancceYagi Antenna for ISM, GSM amd Wireless LAN Systems

Model: P2Q-914Y-NF

RoHS Compliant

Applications and Features

Applications:

- *900MHz ISM Band*
- *Wireless LAN systems*
- *Point to multipoint applications*
- *Non-Line of Sight (NLOS)*
- *GSM/GPRS*
- *RFID*
- *SCADA*
- *Wireless Video Links*
- *900MHz Cellular*

Features:

- *Superior performance*
- *30° beam-width*
- *Heavy-duty Anodized Aluminum boom*
- *Heavy-duty Anodized Aluminum elements*
- *Solid 1/4" mounting plate*
- *30 Cm Low Loss Coax lead 240 Series*
- *Includes mount kit*

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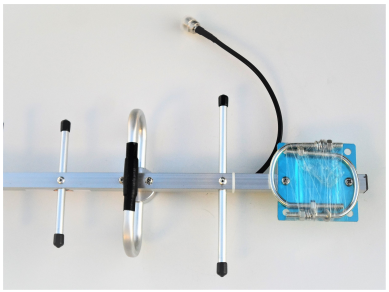
Product Description

Superior Performance

*The **P2Q-914Y-NF** High-Performance Yagi Antenna combines high gain with a wide 30° beam-width. It is ideally suited for directional applications in the 900 GHz ISM and GSM bands as well as Non-Line of Sight (NLOS) and Point to Multi-Point installations. Typical applications include 900 MHz Wireless LAN, SCADA, Wireless Video Links, 900 MHz Cellular, Non-Line of sight (NLOS) applications and point to multi-point systems. External interference of this antenna is minimized due to the excellent front to back ratio. The antenna comes with a 30cm Low Loss coax lead terminated with one of these standard connectors N-Female. The antenna can be installed for either vertical or horizontal polarization applications.*

Rugged and Weatherproof:

This antenna features a heavy-duty Alloy Aluminum boom and elements. Secure mounting is assured by a solid 1/4" mounting plate and two stainless steel U-bolts.

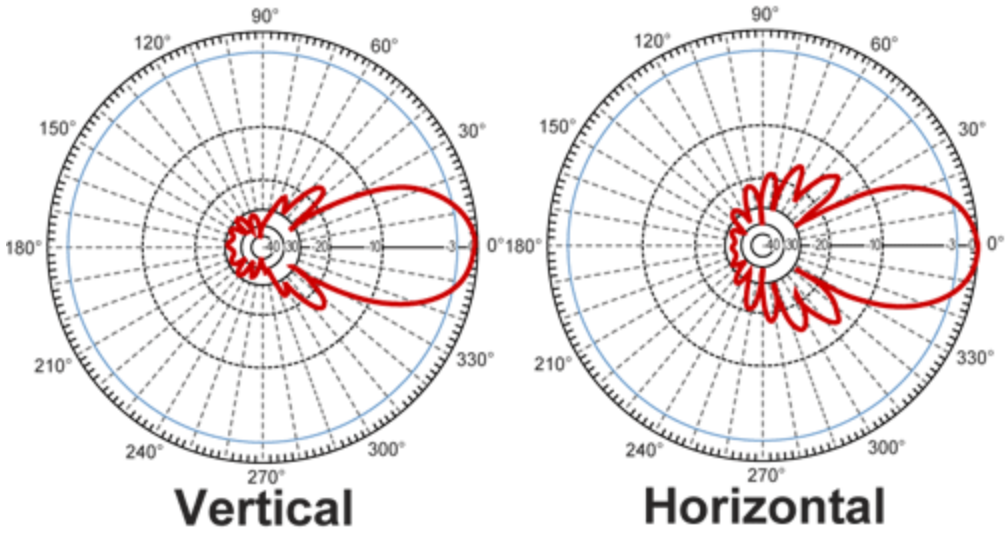


Specifications:

Electrical Specifications

Model	***P2Q-914Y-NF***
Frequency	*806-960 MHz*
Gain	*14 dBi*
Polarization	*Horizontal or Vertical*
Horizontal Beam Width	*36°*
Vertical Beam Width	*32°*
Front to Back Ratio	*14 dBi*
Impedance	*50 Ohm*
Max. Input Power	*50 Watts*
VSWR	*< 1.5:1 avg.*
Elements	*14*
Weight	*1 Lb.*
Length	*108 mm*
Mounting	*Φ(30~50)mm diameter mast max.*
Operating Temperature	*-40° C to 85° C (-40° F to 185° F)*
Lightning Protection	*DC Short*
Connector	*N-Female*
Wind Survival	*60 M/s*
RoHS Complaint	*Yes*

RF Antenna Gain Patterns



PACKAGE BOX:

Box: *1 pcs*
Dimensions: *110*21*12 mm* *Each : 108 x 180 x 60 mm*
Weight: *1 Lb.*