

FP-11 & ANT-FP

Flat Panel Directional Antenna & Dual Directional Antenna



The FP-11 and ANT-FP are flat-panel directional antennas. They are ideally suited for IEEE 802.11b/g/n 2.4GHz wireless local area networks. Both panel antennas are for indoor and outdoor applications. The FP-11 is a single element directional antenna while the ANT-FP is a dual element directional antenna with dual coax leads. The dual element feature allows the ANT-FP antenna to be useful in operating in areas susceptible to the affects of multi-path interference. The FP-11 and ANT-FP are provided with TNC reverse polarity connectors.

Features

- 2.4GHz **ISM** (Industrial, Scientific and Medical) band (2.4GHz–2.5GHz).
- IEEE 802.11b/g/n superior performance.
- Lightweight.
- Durable UV-stable, UL flame rated radome.
- Low loss solid brass elements.
- Can be installed for either vertical or horizontal polarization.
- Optional mounting brackets available.
- Indoor or outdoor use.

Specifications

Frequency:..... 2400–2500MHz
Horizontal Beam Width:..... 60°
Vertical Beam Width:..... 30°
Gain:..... 11dBi
Impedance:..... 50Ω
VSWR:..... < 1.5:1
Max Input Power:..... 25 Watts
Lighting Protection:..... DC Short

Mechanical Specifications

Radome Material:..... UV-inhibited Polymer
Flame Rating:..... UL 94HB
RoHS:..... Compliant
Operating Temperature:..... -40°C to 85°C (-40°F to 185°F)
Polarization:..... Horizontal or Vertical
Wind Survival:..... >150MPH (241KPH)

Product Dimensions/Weight

FP-11:..... 8.5" x 8.5" x 1" (216mm x 216mm x 26mm)
0.95lb (0.43kg)
ANT-FP:..... 8.5" x 8.5" x 1" (216mm x 216mm x 26mm),
0.95lb (0.43kg)

Shipping Dimensions/Weight

FP-11:..... 9" x 12" x 1.5" (228.6mm x 304.8mm x 38.1mm),
2lb (.91kg)
ANT-FP:..... 9" x 12" x 1.5" (228.6mm x 304.8mm x 38.1mm),
2lb (.91kg)

Order Information

FP-11 • Flat-panel Directional Antenna (11dB) with TNC reverse polarity connector
ANT-FP • Flat-panel Dual Element Directional Antenna (11 dB) with dual coax TNC reverse polarity connectors

For ordering information, contact your regional sales representative at:
<http://rtsintercoms.com/us/intercom/contact>

The specification information is preliminary and is subject to change without notification.
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