



## 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 and 802.11g wireless Local Area Networks (LAN's). 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

**2.4 GHz ISM Band**

**IEEE 802.11b and 802.11g Superior performance**

**Light weight**

**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**

# FP-11 & ANT-FP Specifications

## Electrical Specifications

### Frequency

2400-2500 MHz

### Horizontal Beam Width

FP-11: 30°

ANT-FP: 60°

### Vertical Beam Width

30°

### Impedance

50 Ohm

### VSWR

< 1.5:1 avg.

### Max Input Power

FP-11: 25 Watts

### Lighting Protection

DC Short

## Mechanical Specifications

### Radome Material

UV-inhibited Polymer

### Flame Rating

UL 94HB

### Operating Temperature

-40°C to 85°C (-40°F to 185°F)

### Polarization

Horizontal or Vertical

### Wind Survival

>150 MPH (241 KPH)

## Product Dimensions/Weight

### FP-11

8.5" x 8.5" x 1" (216mm x 216mm x 26mm),  
.95 lbs (.43 kg)

### ANT-FP

8.5" x 8.5" x 1" (216mm x 216mm x 26mm),  
.95 lbs (.43 kg)

## Shipping Dimensions/Weight

### FP-11

9" x 12" x 1.5" (228.6mm x 304.8mm x 38.1mm),  
2 lbs (.91 kg)

### ANT-FP

9" x 12" x 1.5" (228.6mm x 304.8mm x 38.1mm),  
2 lbs (.91 kg)

## Contact Information

Telex Communications, Inc.  
12000 Portland Avenue South  
Burnsville, Minnesota 55337  
Telephone: 877-863-4169  
Fax: (800) 323-0498

Form Number: LIT000272000 Rev A

Date: August 2008

## Ordering Information

### FP-11

Flat Panel Directional Antenna (11 dB) with TNC  
reverse polarity connector  
Catalog Number: 302054006

### ANT-FP

Flat Panel Dual Element Directional Antenna (11 dB),  
with dual coax TNC reverse polarity connectors  
Catalog Number: 302054001

This specifications information is preliminary and is subject to change without notification.

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