

**2400 to 2500 MHz RFID Flat Panel Antenna, RHCP,  
12 dBi, White ABS, N Female, IP67**

Fairview Microwave's FMANFP1035 is a RHCP RFID flat panel antenna. The FMANFP1035 with a 12 dBi gain nominal is a Directional antenna. Our 2400 to 2500 MHz antenna has N Female connector and is IP67 Rated.

With an impedance of 50 Ohms and max input power of 50 Watts, the FMANFP1035 flat panel RHCP antenna is well suited for Radio Frequency Identification tag reading applications. This 2400-2500 MHz 12 dBi gain RFID antenna is highly directional providing the reader radio the capabilities of simultaneously reading a multitude of RFID tags with a high degree of accuracy.

Fairview's RFID FMANFP1035 has a radome made of ABS in White color and comes from a facility certified to ISO 9001:2015. This N Female connectized Antenna has an overall length of 8.5 in, width of 8.5 in, and weighs 0.952 lbs. Use our on-line ordering system to purchase your FMANFP1035 RFID Directional RHCP antenna 24 hours a day with same-day shipping and no MOQs (minimum order quantities).

**Configuration**

|                      |               |
|----------------------|---------------|
| Design               | Flat Panel    |
| Gain                 | 12            |
| Polarization         | RHCP          |
| Connector Type       | N Female      |
| Lightning Protection | Direct Ground |

**Electrical Specifications**

| Description                     | Min   | Typ | Max   | Units   |
|---------------------------------|-------|-----|-------|---------|
| Frequency Range                 | 2,400 |     | 2,500 | MHz     |
| Input VSWR                      |       |     | 1.5:1 |         |
| Impedance                       |       | 50  |       | Ohms    |
| Gain                            |       | 12  |       | dBi     |
| Horizontal (Azimuth) Beam Width |       | 36  |       | Degrees |
| Vertical (Elevation) Beam Width |       | 36  |       | Degrees |
| Input Power                     |       |     | 50    | Watts   |
| Axial Ratio                     |       | 3   |       | dB      |

**Mechanical Specifications**

|                 |                      |
|-----------------|----------------------|
| Radome Material | ABS                  |
| <b>Size</b>     |                      |
| Length          | 8.5 in [215.9 mm]    |
| Width           | 8.5 in [215.9 mm]    |
| Height          | 1 in [25.4 mm]       |
| Weight          | 1.192 lbs [540.68 g] |

**Environmental Specifications**

|                    |                  |
|--------------------|------------------|
| <b>Temperature</b> |                  |
| Operating Range    | -40 to +55 deg C |
| Ingress Protection | IP67             |



**Features:**

- High Performance Multi-tag read/write Capabilities
- Concealable Design
- Right Hand Circular Polarized
- 2.4 to 2.5 GHz Frequency Range
- Type N Female Connector
- IP67 Rated

**Applications:**

- Radio Frequency Identification
- Inventory Management
- Access Control
- Data Collection
- Asset Tracking
- Livestock Management

Fairview Microwave  
301 Leora Ln., Suite 100  
Lewisville, TX 75056  
Tel: 1-800-715-4396 / (972) 649-6678  
Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

2400 to 2500 MHz RFID Flat Panel Antenna, RHCP, 12 dBi, White ABS, N Female, IP67 from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [2400 to 2500 MHz RFID Flat Panel Antenna, RHCP, 12 dBi, White ABS, N Female, IP67 FMANFP1035](#)

URL: <https://www.fairviewmicrowave.com/12-dbi-flat-panel-antenna-2400-2500-mhz-n-type-connector-fmanfp1035-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Antennas](#) category:*

*Click to view products by [Fairview Microwave](#) manufacturer:*

Other Similar products are found below :

[930-033-R](#) [A09-F8NF-M](#) [108-00016-050](#) [W1049B090](#) [WTL2449CQ1-FRSMM](#) [0600-00060](#) [GD53-25](#) [S9025PLSMF](#) [GPSCPMM00](#) [ANT-WP868SMA-Y](#) [CBNC58](#) [MD10-004](#) [ABFT](#) [LP800NMOW](#) [NMOQ88C](#) [NMOQB](#) [NMOQC](#) [ANT-GSMGPSPUKS](#) [60210](#) [60140](#) [ANT-8WPIG-UFL](#) [ANT-GPSPUKS](#) [A21H0](#) [29000863](#) [EXD450TN](#) [2.4GHz 2dBi-1.13-L=50mm](#) [3E0702BK-005](#) [22100003](#) [DL-T022-2.4G](#) [DL-T023-4G](#) [T1-915M](#) [DL-T021-2.4GW](#) [DL-T021-2.4G](#) [KH-IPEX-1.13](#) [BWGNSCNX16-6B1Y2L120](#) [BWGNSCNX15-15B1Y4L120](#) [DL-T023-4GW](#) [3N0401LG-021](#) [KHA\(RG1.13\)-TX90B-IPEX](#) [KHA\(RG1.13\)-TX80B-IPEX](#) [KH-137-TX90B-IPEX4](#) [KH-113-TX100B-IPEX4](#) [KH-113-TX60B-IPEX4](#) [KH-081-TX300-IPEX](#) [3K0001BK00-001](#) [3K0001BK00-002](#) [3N0401LG-038](#) [3N0401BK-049](#) [PRO-OB-440](#) [DL-F8-5G](#)