

**902 to 928 MHz RFID Flat Panel Antenna, RHCP,
12 dBi, White ABS, N Female, IP54**

Fairview Microwave's FMANFP1034 is a RHCP RFID flat panel antenna. The FMANFP1034 with a 12 dBi gain nominal is a Directional antenna. Our 902 to 928 MHz antenna has N Female connector and is IP54 Rated.

With an impedance of 50 Ohms and max input power of 50 Watts, the FMANFP1034 flat panel RHCP antenna is well suited for Radio Frequency Identification tag reading applications. This 902-928 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 FMANFP1034 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 17.5 in, width of 17.5 in, and weighs 0.85 lbs. Use our on-line ordering system to purchase your FMANFP1034 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	902		928	MHz
Input VSWR			1.3:1	
Impedance		50		Ohms
Gain		12		dBi
Horizontal (Azimuth) Beam Width		40		Degrees
Vertical (Elevation) Beam Width		40		Degrees
Input Power			50	Watts
Axial Ratio		3		dB

Mechanical Specifications

Radome Material	ABS
Size	
Length	17.5 in [444.5 mm]
Width	17.5 in [444.5 mm]
Height	1.5 in [38.1 mm]
Weight	1.58 lbs [716.68 g]

Environmental Specifications

Temperature	
Operating Range	-40 to +55 deg C
Ingress Protection	IP54


Features:

- High Performance Multi-tag read/write Capabilities
- Concealable Design
- Right Hand Circular Polarized
- 902 to 928 MHz Frequency Range
- Type N Female Connector
- IP54 Rated

Applications:

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

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

Plotted and Other Data

Notes:

902 to 928 MHz RFID Flat Panel Antenna, RHCP, 12 dBi, White ABS, N Female, IP54 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: [902 to 928 MHz RFID Flat Panel Antenna, RHCP, 12 dBi, White ABS, N Female, IP54 FMANFP1034](#)

URL: <https://www.fairviewmicrowave.com/12-dbi-flat-panel-antenna-902-928-mhz-n-type-connector-fmanfp1034-p.aspx>

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