

## 5 dBi Rubber Duck Antenna 900-930 MHz SMA Connector

The Fairview Microwave FM51RD1012 high performance 900 MHz omnidirectional "rubber-duck" antenna provides broad coverage and 5 dBi gain. It is a coaxial sleeve design with an omni-directional pattern. It is ideally suited for 900 MHz ISM band applications as well as cellular, and LPWAN applications.

Measuring 14.9" long, the FM51RD1012 from Fairview Microwave antenna features a tilt-and-swivel SMA Male connector, allowing them to be used vertically, at a right angle, or any angle in-between.

This rubber duck antenna, as well as our wide selection of superior quality RF devices, ship same day. Contact our knowledgeable and friendly technical support and sales staff for your answers on antennas or other Fairview Microwave products.

### Configuration

Gain	5
Polarization	Vertical
Connector Type	SMA Male
Number of Ports	1
Lightning Protection	DC Ground

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	900		930	MHz
Input VSWR			2.5:1	
Impedance		50		Ohms
Gain		5		dBi
Horizontal (Azimuth) Beam Width		360		Degrees
Vertical (Elevation) Beam Width		30		Degrees
Input Power			50	Watts

### Mechanical Specifications

<b>Size</b>	
Length	15 in [381 mm]
Width	0.5 in [12.7 mm]
Height	0.5 in [12.7 mm]
Weight	0.059 lbs [26.76 g]

### Environmental Specifications

<b>Temperature</b>	
Operating Range	-40 to +55 deg C

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

### Plotted and Other Data

Notes:



### Features:

- 900 MHz Omnidirectional
- SMA Male Connector
- Flexible Rubber Duck Antenna
- Tilt and Swivel Design

### Applications:

- 900 MHz Digital Spread Spectrum Radios
- 900 MHz ISM Band
- 900 MHz Telemetry Products
- Cellular Band Applications

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5 dBi Rubber Duck Antenna 900-930 MHz SMA Connector 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: [5 dBi Rubber Duck Antenna 900-930 MHz SMA Connector FM51RD1012](#)

URL: <https://www.fairviewmicrowave.com/single-antenna-900-930-mhz-5-dbi-gain-sma-fm51rd1012-p.aspx>

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