

### Dome Multi Band Antenna Operates From 800 MHz to 3 GHz With a Nominal 3 dBi Gain N Female Input Connector

Dome antenna FM51059 from Fairview Microwave is featured in our extensive in-stock radio frequency directional antenna selection. This multi band ceiling dome antenna uses has a frequency range of and a 3 nominal dBi gain. Our ceiling mount dome antenna uses N female connector and is rated for 100 Watts input. Our radio frequency dome ceiling antenna. FM51059 is part of over 40,000 RF, microwave and millimeter wave components available from Fairview Microwave. This dome RF antenna can ship worldwide the same day of the purchase as with our other available RF parts.



#### Configuration

Design	Dome
Polarization	Vertical
Connector Type	N Female

#### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	800		3,000	MHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain	3		6.5	dBi
Horizontal (Azimuth) Beam Width		75		Degrees
Vertical (Elevation) Beam Width		360		Degrees
Input Power			100	Watts

#### Mechanical Specifications

Radome Material	ABS
<b>Size</b>	
Length	0 in [0 mm]
Width	8.67 in [220.22 mm]
Height	4.06 in [103.12 mm]
Weight	0.554 lbs [251.29 g]

#### Environmental Specifications

<b>Temperature</b>	
Operating Range	-40 to +85 deg C

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

#### Plotted and Other Data

Notes:

#### Features:

- In-building DAS Ceiling Antenna
- 800 to 3000 MHz
- Pigtail with Type N Female Connector

#### Applications:

- DAS Networks
- Cellular (3G, 4G, LTE) and Wi-Fi extension

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Dome Multi Band Antenna Operates From 800 MHz to 3 GHz With a Nominal 3 dBi Gain N Female Input 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: [Dome Multi Band Antenna Operates From 800 MHz to 3 GHz With a Nominal 3 dBi Gain N Female Input Connector FM51059](#)

URL: <https://www.fairviewmicrowave.com/dbi-multiband-dome-antenna-800-3000-mhz-n-type-connector-fm51059-p.aspx>

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