

Dome Low PIM Multi Band Antenna Operates From 800 MHz to 3 GHz With a Typical 7.5 dBi Gain N Female Input Connector Rated

Dome antenna FM51058 from Fairview Microwave is featured in our extensive in-stock radio frequency directional antenna selection. This low pim multi band ceiling dome antenna uses has a frequency range of and a 6 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. FM51058 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
Gain	7.5
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	6	7.5	9	dBi
Horizontal (Azimuth) Beam Width		90		Degrees
Vertical (Elevation) Beam Width		40		Degrees
Input Power			100	Watts

Mechanical Specifications

Radome Material	ABS
Size	
Length	8.07 in [204.98 mm]
Width	8.07 in [204.98 mm]
Height	3.78 in [96.01 mm]
Weight	0.666 lbs [302.09 g]

Environmental Specifications

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

Plotted and Other Data

Notes:



Features:

- In-building DAS Ceiling Antenna
- 800 to 3000 MHz
- Low Passive Intermodulation (PIM)
- Type N Female Connector

Applications:

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

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Dome Low PIM Multi Band Antenna Operates From 800 MHz to 3 GHz With a Typical 7.5 dBi Gain N Female Input Connector Rated 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 Low PIM Multi Band Antenna Operates From 800 MHz to 3 GHz With a Typical 7.5 dBi Gain N Female Input Connector Rated FM51058](#)

URL: <https://www.fairviewmicrowave.com/7.5-dbi-multiband-low-pim-dome-antenna-800-3000-mhz-n-type-connector-fm51058-p.aspx>

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