

Fixed Antenna Operates From 5.725 GHz to 5.85 GHz With a Nominal 12 dBi Gain N Female Input Connector

Fixed vertical omnidirectional antenna FM51040 from Fairview Microwave is part of our extensive in-stock omnidirectional radio antenna selection. This vertical omnidirectional antenna has a frequency range of 5.725 GHz to 5.85 GHz and a 12 nominal dBi gain. Our omni vertical antenna uses N input and is rated for 100 Watts input. FM51040 omni-directional vertical radio antenna is one of over 40,000 RF, microwave and millimeter wave components supplied from Fairview Microwave. Our fixed omni directional vertical aerial can be bought and shipped worldwide the same-day as with our other in-stock RF parts.

Configuration

Design	Fixed
Polarization	Vertical
Connector Type	N Female

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	5,725		5,850	MHz
Input VSWR			1.5:1	
Impedance		50		Ohms
Gain	12			dBi
Horizontal (Azimuth) Beam Width		7		Degrees
Vertical (Elevation) Beam Width		360		Degrees
Input Power			100	Watts

Mechanical Specifications

Radome Material	Fiberglass
Size	
Length	28.75 in [730.25 mm]
Width	1 in [25.4 mm]
Height	0 in [0 mm]
Weight	0.57 lbs [258.55 g]

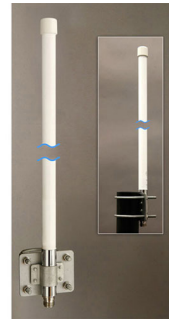
Environmental Specifications

Wind Loading	150 MPH [241.4 KPH]
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:



Features:

- Vertical Polarized
- 5.7 to 5.85 GHz Omnidirectional Antenna
- 12 dBi gain
- Type N Female Connector

Applications:

- 5 GHz WLAN / Wi-Fi Networks
- Public Safety

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Fixed Antenna Operates From 5.725 GHz to 5.85 GHz With a Nominal 12 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: [Fixed Antenna Operates From 5.725 GHz to 5.85 GHz With a Nominal 12 dBi Gain N Female Input Connector FM51040](#)

URL: <https://www.fairviewmicrowave.com/dbi-fixed-antenna-5725-5850-mhz-n-type-connector-fm51040-p.aspx>

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