

Panel Fixed Antenna Operates From 4.4 GHz to 6.4 GHz With a Nominal 9 dBi Gain SMA Female Input Connector

Fixed vertical omnidirectional antenna FM51129 from Fairview Microwave is part of our extensive in-stock omnidirectional radio antenna selection. This vertical omnidirectional antenna has a frequency range of 4.4 GHz to 6.4 GHz and a 9 nominal dBi gain. Our omni vertical antenna uses SMA input and is rated for 50 Watts input. FM51129 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	SMA Female

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	4,400		6,400	MHz
Input VSWR			1.5:1	
Impedance		50		Ohms
Gain	9			dBi
Horizontal (Azimuth) Beam Width		60		Degrees
Vertical (Elevation) Beam Width		60		Degrees
Input Power			50	Watts

Mechanical Specifications

Radome Material	PVC
Size	
Length	3.6 in [91.44 mm]
Width	2.1 in [53.34 mm]
Height	0.8 in [20.32 mm]
Weight	0.88 lbs [399.16 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:

- 4400 - 6400 MHz Flat panel antenna
- Military grade rugged PVC flat panel antenna
- Vertical Polarized
- 9 dBi gain
- 50 W power handling capacity
- SMA Female connector
- Low Glare Black

Applications:

- 5 GHz WLAN / Wi-Fi Networks
- Public Safety
- Wi-Fi 6E and Sub 6 GHz Applications
- Railways and trackside applications
- Military applications

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Panel Fixed Antenna Operates From 4.4 GHz to 6.4 GHz With a Nominal 9 dBi Gain SMA 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: [Panel Fixed Antenna Operates From 4.4 GHz to 6.4 GHz With a Nominal 9 dBi Gain SMA Female Input Connector FM51129](#)

URL: <https://www.fairviewmicrowave.com/dbi-panel-fixed-antenna-4400-6400-mhz-sma-connector-fm51129-p.aspx>

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