

### Portable Antenna Operates From 1.7 GHz to 1.85 GHz With a Nominal 3.5 dBi Gain N Male Input Connector

FM51119 from Fairview Microwave is part of our extensive in-stock omnidirectional radio antenna selection. This single band portable antenna has a frequency range of 1.7 GHz to 1.85 GHz and a 3.5 nominal dBi gain. Our portable antenna uses N male connector and is rated for 50 Watts input. FM51119 portable radio antenna is one of over 40,000 RF, microwave and millimeter wave components supplied from Fairview Microwave. Our portable aerial can be bought and shipped worldwide the same-day as with our other available RF parts.

#### Configuration

Design	Portable
Polarization	Vertical
Connector Type	N Male

#### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	1,700		1,850	MHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain	3.5			dBi
Horizontal (Azimuth) Beam Width		50		Degrees
Vertical (Elevation) Beam Width		360		Degrees
Input Power			50	Watts

#### Mechanical Specifications

Radome Material	Fiberglass
<b>Size</b>	
Length	11.9 in [302.26 mm]
Width	0.812 in [20.62 mm]
Height	0 in [0 mm]
Weight	0.157 lbs [71.21 g]

#### Environmental Specifications

Wind Loading	62 MPH [99.78 KPH]
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#### Compliance Certifications (see [product page](#) for current document)

#### Plotted and Other Data

Notes:



#### Features:

- 1710 - 1850 MHz omnidirectional rubberduck antenna
- Military grade rugged antenna
- Heavy duty spring base
- Vertical Polarized
- 3.5 dBi gain
- 50 W power handling capacity
- Type N Male connector
- Low Glare Black

#### Applications:

- Fixed point-to-point applications
- Military Tactical Radio Realy
- Law enforcement mobile surveillance
- Telemetry, tracking and commanding for space systems

Fairview Microwave  
301 Leora Ln., Suite 100  
Lewisville, TX 75056  
Tel: 1-800-715-4396 / (972) 649-6678  
Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

Portable Antenna Operates From 1.7 GHz to 1.85 GHz With a Nominal 3.5 dBi Gain N Male 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: [Portable Antenna Operates From 1.7 GHz to 1.85 GHz With a Nominal 3.5 dBi Gain N Male Input Connector FM51119](#)

URL: <https://www.fairviewmicrowave.com/dbi-portable-antenna-1700-1850-mhz-n-type-connector-fm51119-p.aspx>

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