

GPS Passive Dual Band Antenna Operates From 1.22 GHz to 1.58 GHz With a Nominal 6 dBic Gain N Female Input Connector

GPS antenna FM51068 from Fairview Microwave is part of our extensive in-stock RF directional antenna selection. This dual band GPS Passive antenna has a frequency range of 1.22 GHz to 1.23 GHz, 1.53 GHz to 1.58 GHz and a 6 nominal dBi gain. Our GPS antenna uses N female connector and is rated for 0 Watts input. FM51068 radio frequency Global Positioning System antenna is part of over 40,000 RF, microwave and millimeter wave components available from Fairview Microwave. Our GPS aerial can ship worldwide the same day of the purchase as with our other available RF parts.

Configuration

Design	GPS Passive
Polarization	RHCP
Connector Type	N Female

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	1,220		1,580	MHz
Impedance		50		Ohms
Gain	6			dBic
Vertical (Elevation) Beam Width		360		Degrees

Specifications by Frequency

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	1.22-1.23	1.53-1.58				GHz

Mechanical Specifications

Size	
Length	0 in [0 mm]
Width	5.48 in [139.19 mm]
Height	7.02 in [178.31 mm]
Weight	1.312 lbs [595.11 g]

Environmental Specifications

Temperature	
Operating Range	-40 to +85 deg C
Storage Range	-50 to +90 deg C

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

Plotted and Other Data

Notes:



Features:

- L1/L2 GPS Passive Survey Antenna
- 6 dBi gain
- Right Hand Circularly Polarized (RHCP)
- Type N Female Connector

Applications:

- GPS/GNSS
- Geolocation
- Timing Synchronization

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GPS Passive Dual Band Antenna Operates From 1.22 GHz to 1.58 GHz With a Nominal 6 dBic 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: [GPS Passive Dual Band Antenna Operates From 1.22 GHz to 1.58 GHz With a Nominal 6 dBic Gain N Female Input Connector FM51068](#)

URL: <https://www.fairviewmicrowave.com/omni-directional-gps-passive-dual-band-antenna-1.22-1.58-ghz-6-dbic-mini-mum-gain-n-type-female-connector-rhcp-fm51068-p.aspx>

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