

## 32 dBi Timing GPS/GLNSS Antenna 1,574-1,610 MHz TNC Connector

The FM51TM100 GPS/GLNSS Timing Antenna is a professional grade product used for advanced time and frequency system applications. Housed in an IP67 rated high impact ASA and die cast aluminum housing it's suitable for all outdoor and marine environments.

### Configuration

Design	GPS/GLNSS
Gain	32
Connector Type	TNC Jack

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range (GPS/GLNSS (L1))	1,574		1,610	MHz
Output VSWR			2:1	
Impedance		50		Ohms
Gain		32		dBi
Gain Variation		±3		dBi
Noise Figure		3.1	3.5	dB
Out Of Band Rejection			70	dB
Operating DC Voltage	2.7		5.5	Volts
Current		7	15	mA

### Mechanical Specifications

Housing Plating/Color Gray

#### Size

Base Diameter	3.25 in [82.55 mm]
Length	0 in [0 mm]
Width	0 in [0 mm]
Height	4.88 in [123.95 mm]
Weight	0.374 lbs [169.64 g]

### Environmental Specifications

#### Temperature

Operating Range	-40 to +85 deg C
Wind Loading	150 MPH [241.4 KPH]
Humidity	95%
Corrosion	Salt Fog
Ingress Protection	IP67

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

### Plotted and Other Data

Notes:



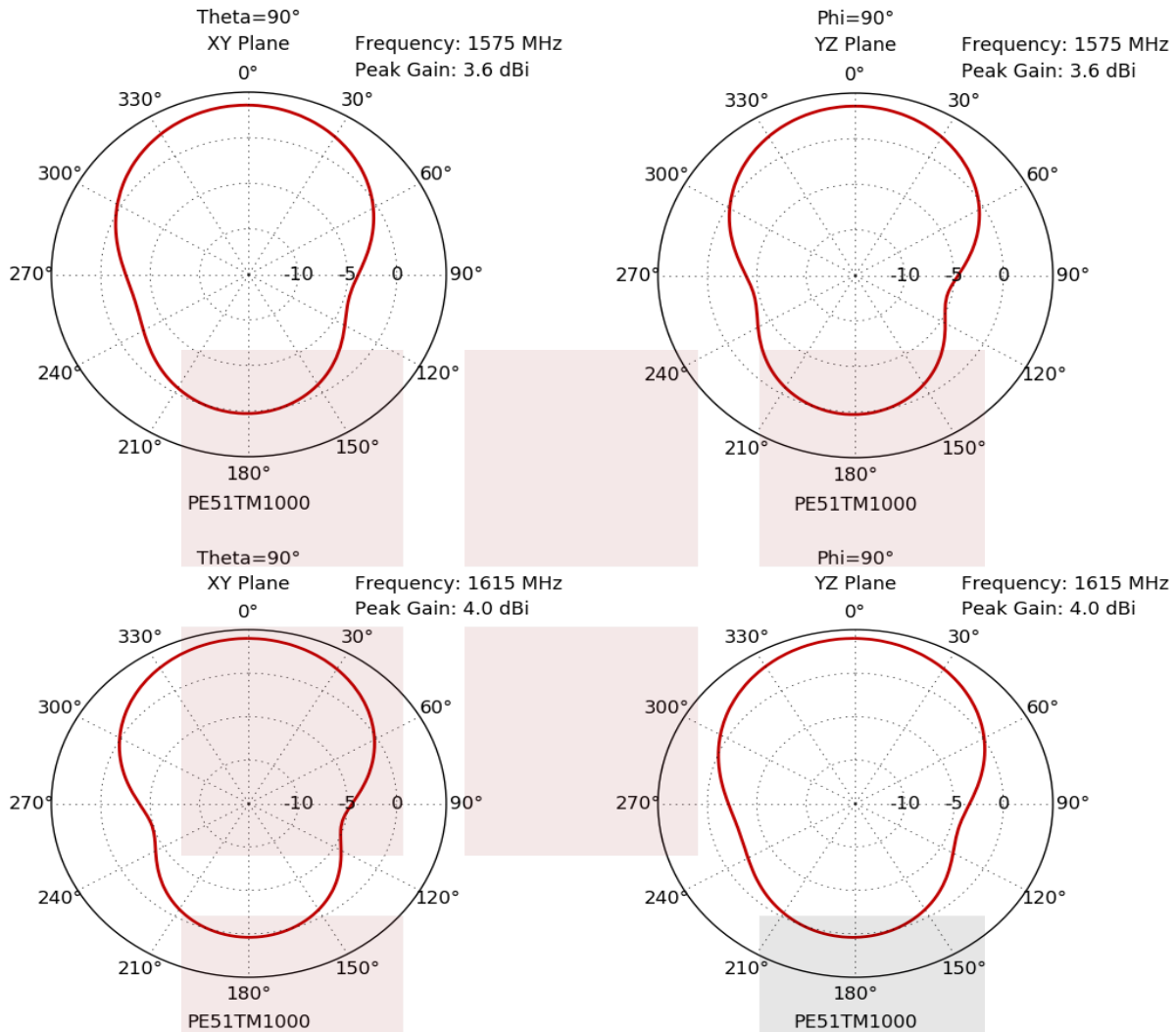
### Features:

- High Selectivity Dual Filter RF Architecture
- Eliminates High Power RFI Operating within Multi-Located Base Station Environment
- Impact Resistant ASA Radome
- Rugged Die-Cast Aluminum Base
- Integrated Bulkhead, TNC Jack
- IP67 Rated
- 3/4" NPT and 1"-14 Marine Mount Compatible
- UV Resistant/Cool Gray for Reduced Visibility

### Applications:

- Network time Synchronization
- Precision frequency reference

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32 dBi Timing GPS/GLNSS Antenna 1,574-1,610 MHz TNC 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: [32 dBi Timing GPS/GLNSS Antenna 1,574-1,610 MHz TNC Connector FM51TM1000](#)

URL: <https://www.fairviewmicrowave.com/gps-glncs-timing-antenna-1.574-1.61-ghz-32-dbi-gain-tnc-jack-connector-fm51tm1000-p.aspx>

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