

32 dBi Mount Kit and Timing GPS/GLNSS Antenna 1,574-1,610 MHz TNC Connector

The FM51TM1001 GPS/GLNSS timing antenna is a professional grade product used for advanced time and frequency system applications. Housed in an IP-67 rated high impact ASA and die cast aluminum housing it's suitable for all outdoor and marine environments. It includes a set stainless steel and Dacron plated mounting clamps.

Configuration

Design	GPS/GLNSS
Gain	32
Connector Type	TNC Jack

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range (GPS/GLONASS (L1)) MHz		1,574		1,610
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	3.5 in [88.9 mm]
Length	0 in [0 mm]
Width	0 in [0 mm]
Height	10.38 in [263.65 mm]
Weight	1.08 lbs [489.88 g]

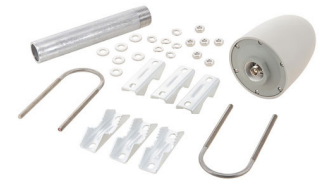
Environmental Specifications

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:



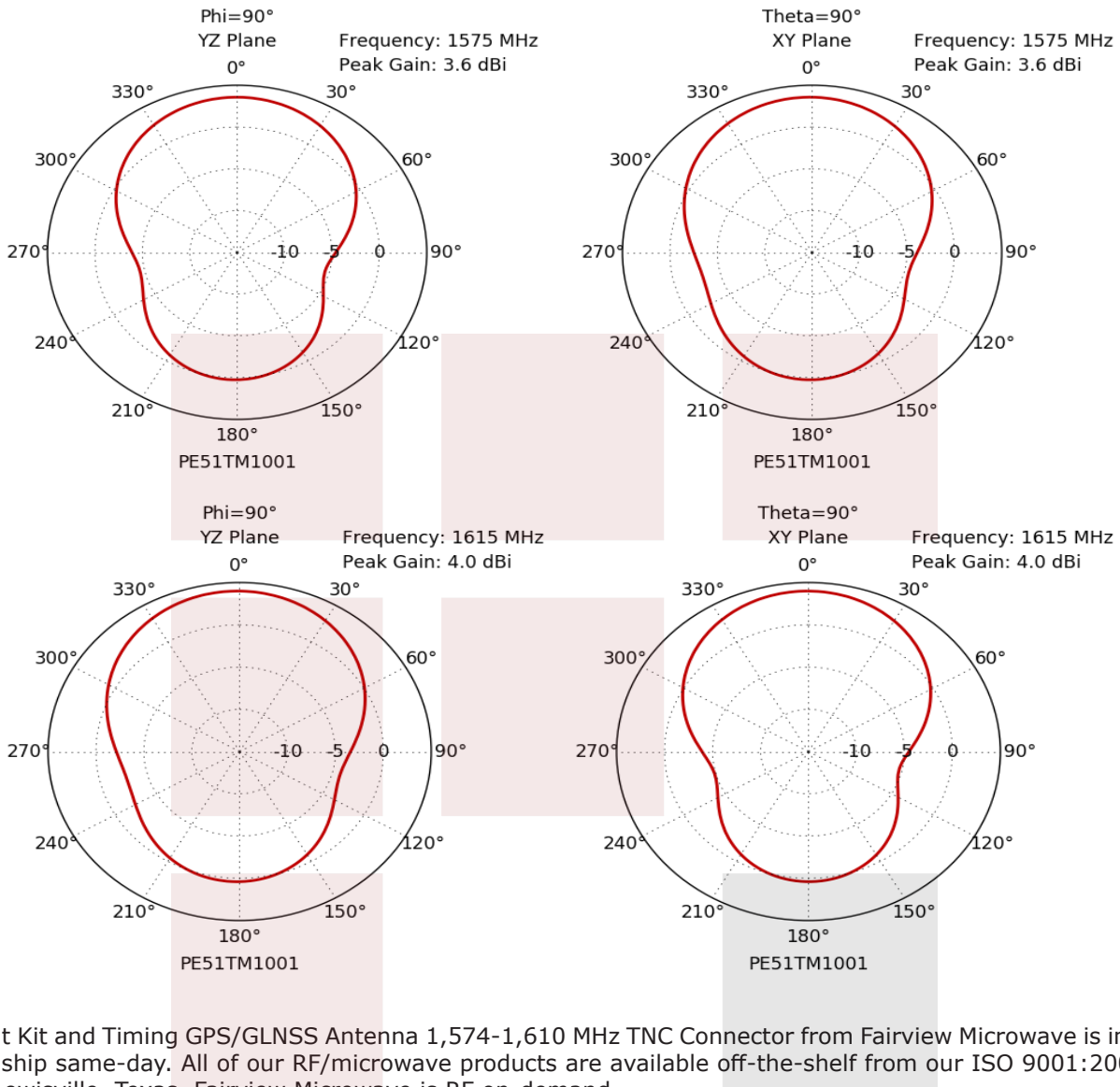
Features:

- 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
- Mounts to standard pipe up to 1-1/2"
- High grade stainless steel and Dacron plated steel mounting clamps

Applications:

- Network Time Synchronization
- Precision frequency reference

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32 dBi Mount Kit and 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 Mount Kit and Timing GPS/GLNSS Antenna 1,574-1,610 MHz TNC Connector FM51TM1001](https://www.fairviewmicrowave.com/gps-glncss-mount-kit-and-timing-antenna-1.574-1.61-ghz-32-dbi-gain-tnc-jack-connector-fm51tm1001-p.aspx)

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