

GLTFGPS2540 1575.42 MHz 4 dBi GPS L1 Active Antenna

MODEL GLTFGPS2540

GPS L1 active patch antenna with built-in 28 dB LNA and IPEX cable.



KEY PERFORMANCE

1575.42 MHz

FREQUENCY

4 dBi

MAX. GAIN

>= 28 dB

LNA GAIN

IPEX

CONNECTOR

TECHNICAL SPECIFICATIONS

ANTENNA	
Frequency range	1575.42 +/- 3 MHz
Impedance	50 ohm
Polarization	Circular polarization
Axial ratio	<= 5 dB
Horizontal coverage	360 deg
Output VSWR	<= 1.5
Max. gain	4 dBi
10 dB bandwidth	+/- 5 MHz
LNA	
Gain	>= 28 dB
Noise figure	<= 2 dB
Output VSWR	<= 2.0
In-band flatness	+/- 1.0 dB
Output P1dB compression	>= -10 dBm
Out-of-band rejection (100 MHz offset)	> 35 dBc
Working voltage	3-5 V
Working current	<= 20 mA
MECHANICAL & ENVIRONMENTAL	
Antenna dimension	25 x 25 x 6.5 mm (ceramic 25 x 25 x 4 mm)
Cable model	RG113 or user specified
Cable length	85 +/- 5 mm or customized
Connector	IPEX or customized
Operating temperature	-40 to +65 degC
Storage temperature	-50 to +85 degC
Humidity	40-95%

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NEED A CUSTOM CONFIGURATION?

Frequency, connector, cable length and mounting options can be reviewed for your project.

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