

LOW PROFILE, HIGH GAIN EMBEDDED ANTENNA

Eteily's PCB Antenna combines flexibility, conformability, robustness, and ease of integration with exceptional global cellular and broadband Internet connectivity and is fully compatible with existing networks. This high-performance antenna is an easy peel- and-stick low-cost solution with high efficiency, reliability, and low device power consumption making it ideal for high volume device manufacturers of consumer, industrial and commercial device applications.

Technical Specification

ELECTRICAL CHARACTERISTICS

Type	PCB Internal Antenna
Frequency	600~6000MHz,
Gain	14dBi
Polarization	Vertical
VSWR	< 2
Return loss	< 10dB
Impedance	50 Ω
Radiation	Omni Directional
Power Handling	50W

Mechanical Specification

MECHANICAL & ENVIRONMENT CHARACTERISTICS

Connector	UFL
Cable	1.13 mm
Cable Length	10cm
Antenna Dimension	100 x 21mm
Material	PCB
Mounting	Adhesive PCB Mount
Operating Temperature	-20°C ~ +65°C
Humidity	Upto 80%
Environment Friendly	RoHS Compliant



Key Features

- Low Profile
- High Gain
- Self Adhesive Mounting
- Compact

Application

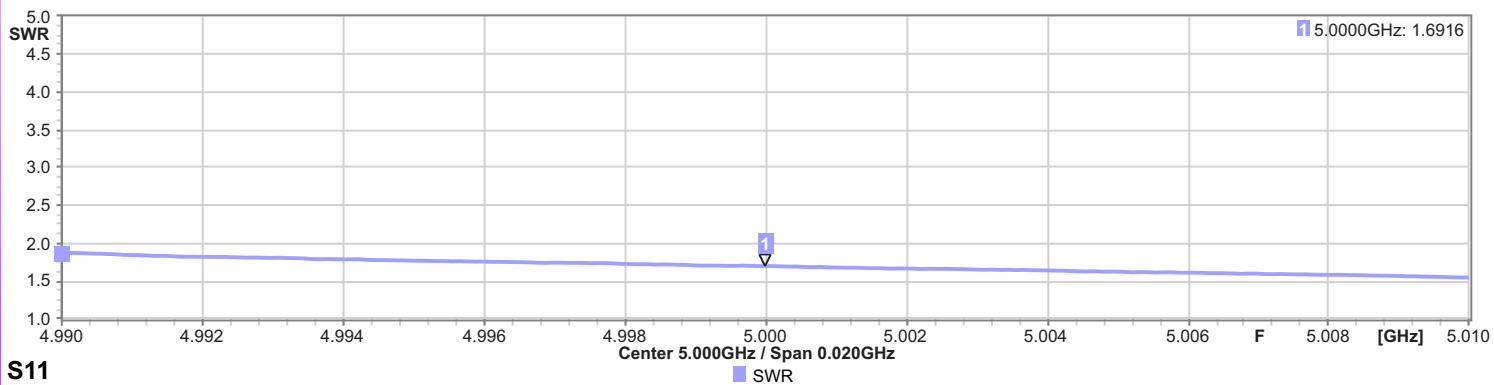
- Cellular Applications
- Robotics/ Automation
- Transportation / Automotive

Follow Us:

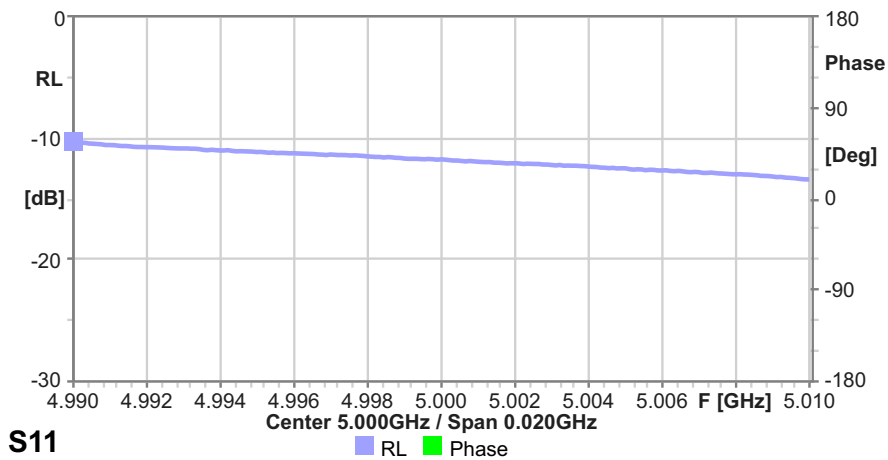


ANTENNA PARAMETERS

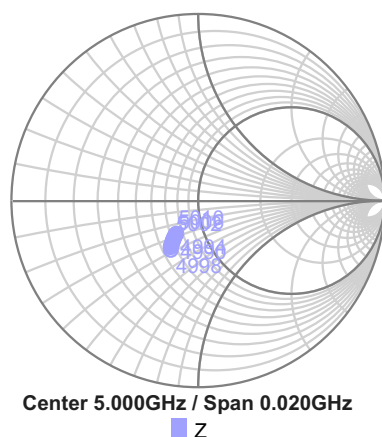
VSWR



Return Loss



Impedance



Follow Us:

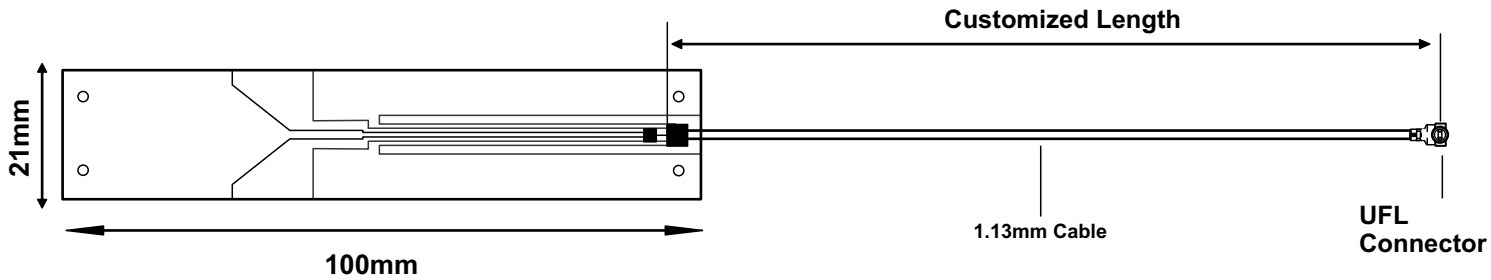


5G 14dBI PCB internal antenna with 1.13mm cable (L-10cm) + UFL connector

ET-5G14PC-5L10CP52-U

Product Datasheet

DRAWING



All Dimension are in mm

Follow Us:

