

PATCH ANTENNA

Omnidirectional Coverage Antenna

MODEL NUMBERS: A41-NL3-100

The Patch Antenna is a wideband, omnidirectional server antenna for CEL-FI cellular network deployments. Supporting frequency of operation for 5G, 4G, 3G, and 2G networking technologies, the antenna provides improved efficiency and gain. The antenna features a short, flexible pigtail cable that enables ease of installation and versatility without risking a tight bend radius. This antenna is ideal for CEL-FI GO G51 applications and is included in the box for specific kits. The antenna can also be used with the CEL-FI GO G41.

Features and benefits include:

- Designed for wideband operation from 617-4000 MHz
- Standard SMA Male RF interface with short cable for interface
- Adhesive mounting for ease of install
- Flexibility to pair with desired Coaxial Cable type and length with GO G51 based on installation location
- Ground plane independent



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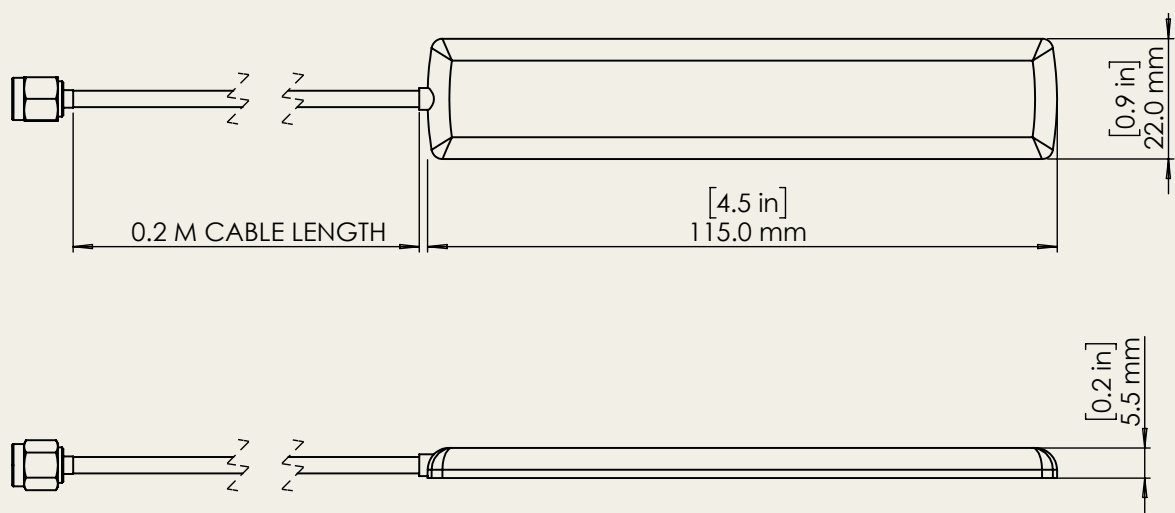
Electrical Specifications

Frequency (MHz)	617-4000
Return Loss (dB Typ.)	-7
Peak Gain (dBi Typ.)	3
Avg. Gain (dB Typ.)	-2
Impedance (Ω Nom.)	50
Polarization	Linear/Vertical
Radiation Pattern	Omni
Input Power (W Max.)	50
Connector	SMA Male

Mechanical Specifications

Housing Material	PC/ABS UV Stable
Housing & Cable Jacket	White
Cable Length (m)	0.2
Mounting	Adhesive Mount
Operating Temperature ($^{\circ}\text{F}$ ($^{\circ}\text{C}$))	-40 to 158 (-40 to 70)
Storage Temperature ($^{\circ}\text{F}$ ($^{\circ}\text{C}$))	-40 to 185 (-40 to 85)
Ingress Protection	Indoor Only
RoHS	Compliant
REACH	Compliant
Dimensions (in (mm))	4.5 x 0.9 x 0.2 (115.0 x 22.0 x 5.5)

Mechanical Dimensions



Product specifications are subject to change without prior notification.