

INDUSTRIAL PRODUCT DATASHEET

4G Antenna Kit for LTE Cat 4 EC25 mini-PCle

High-performance 4G antenna kit with 2 dBi gain and rugged design for IoT and smart city connectivity.

SKU

110061502

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PRICE

\$5.00(Excl. VAT)



Overview



The 4G Antenna Kit for LTE Cat 4 EC25 mini-PCIe provides a frequency range of 824-960/1710-2700 MHz with 2 dBi omnidirectional gain and IPEX/SMA connectors. It supports operating temperatures from -40°C to +70°C, suitable for wireless sensor networks, industrial automation, and IoT applications.

Key Features

Introducing our high-performance antenna with exceptional frequency range and gain. Our antenna is designed to provide superior connectivity for your devices, offering a frequency range of 824-960/1710-2700 MHz. It has an output impedance of 50 Ω and a gain of 2 dBi, which allows for optimized signal strength.

This antenna has a vertical polarization and omnidirectional radiation pattern, ensuring a stable signal reception from all directions. With a maximum input power of 5 W, it can handle high-power transmissions with ease.

Designed to withstand harsh environments, this antenna has an operating temperature range of -40°C to +70°C and a storage temperature range of -45°C to +75°C. This makes it an ideal choice for various applications, including industrial, commercial, and residential.

Whether you're looking to enhance the connectivity of your devices or improve the performance of your wireless system, our high-performance antenna is the perfect solution for you.

- **Really to connect:** Provide IPEX connector and SMA connector to connect with a 4G module
- **Up to 2 dBi Peak Gain**
- **-30~+80 °C operating temperature**

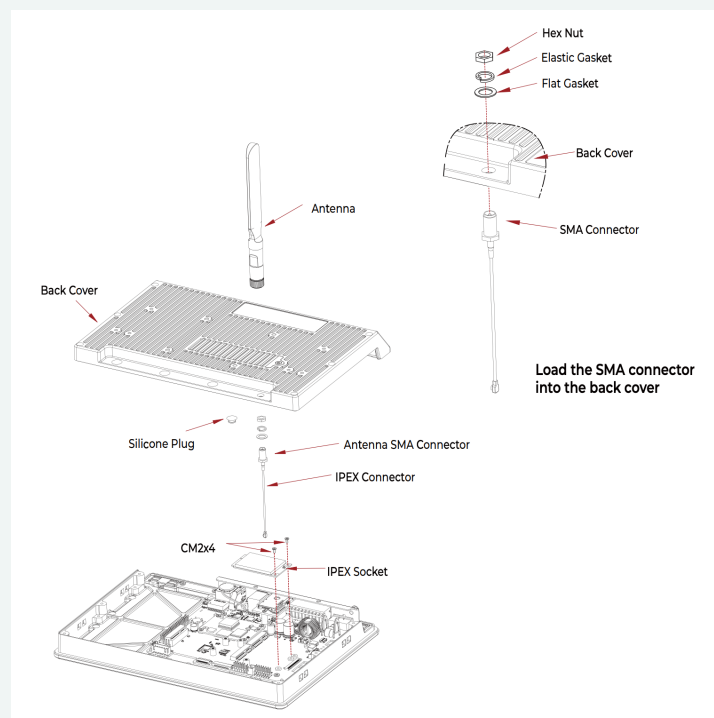
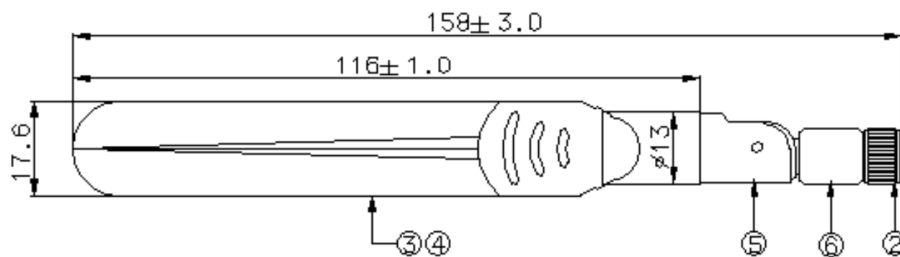
Product Gallery



Specification

Parameter	Specification
Frequency Bands, MHz	868-915
VSWR (Max)	3.0:1
Peak Gain, dBi (Typ)	Up to 2.0
Nominal Impedance	50 Ω
Max Power (ambient temp of 25°C)	10 Watts
Azimuth Beam Width (deg)	Omnidirectional
Polarization	Linear, Omnidirectional
Radome	PC, Black
Storage Temperature Range (°C)	-40° C to +85° C
Operational Temperature Range (°C)	-30° C to +80° C

Hardware Overview



Applications

- Wireless sensor networks
- Industrial automation
- IoT devices
- Smart cities
- Wireless communication networks

Part List

4G Antenna Kit	x1
SMA connector	x1
IPEX connector	x1

Compliance & Logistics

HSCODE	8517710000
USHSCODE	8517710000
UPC	
EUHSCODE	8531202090
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/4G-Antenna-Kit-for-reTerminal-DM-p-5713.html>
- [Antenna connector datasheet](#)

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