

Item no.: 323284

## VARIA LTE Kit for APU Boards

from **114,14 EUR**

Item no.: 323284  
shipping weight: 0.14 kg  
Manufacturer: VARIA Group



### Product Description

#### VARIA LTE Kit for APU Boards

LTE kit, consisting of 1x Quectel EG25-G mPCIe card, 2x SMA pigtails and 2x 2 dBi SMA antennas.

The PWB-BC3G-38-RSMAP antenna is a ground plane independent antenna covering global 2G/3G and 4G frequencies from 698-960/1710-2170 and 2396-2700MHz. Designed for terminals and routers the PWB-BC3G-238-RSMAP offers an articulated SMA connector for flexible positioning and a sleek profile for low visual impact.

#### Pigtails

The U.FL-Hirose/IPEX to SMA female pigtail is ideal for outdoor access points to connect external antennas to MiniPCI cards.

The Quectel EG25-G Mini PCIe is a Category 4 LTE module that adopts the standard PCI Express® Mini Card form factor (Mini PCIe). It is specially optimized for M2M and IoT applications and delivers maximum data rates of up to 150 Mbps in downlink and 50 Mbps uplink.

#### Antenna specifications

- Signal enhancement: 2 dBi
- Frequency: 698-960, 1710-2170, 2396-2700 and 3400 - 3800MHz
- Typical VSWR: <2.5:1
- Polarization: Vertical
- Direction: Omnidirectional
- Resistance: 50 Ohm
- Connector: Articulated SMA (m) connector
- Measurements (mm): Length: 163, Width: 22, Thickness: 7
- Weight: 50 g
- Color: Black
- Operating temperature: -40°F/176°F (-40°C/+80°C)

#### Pigtail specifications

- Connectors: U.FL-Hirose/IPEX to SMA female
- Cable length: 15 cm
- Attenuation approx. 0.25 dB
- Cable type: 1.13 coaxial cable
- IPX32 connector - fits perfectly on MiniPCI cards with U.FL-Hirose connector

#### MiniPCIe card specifications

- LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28
- LTE TDD: B38/B39/B40/B41
- UMTS: B1/B2/B4/B5/B6/B8/B19
- GSM: B2/B3/B5/B8
- Data: LTE: LTE FDD: Max. 150 Mbps (DL)/max. 50 Mbps (UL); LTE TDD: Max. 130 Mbps (DL)/max. 35 Mbps (UL); UMTS: DC-HSDPA: Max. 42 Mbps (DL), HSUPA: Max. 5.76 Mbps (UL), WCDMA: Max. 384 Kbps (DL)/max. 384 Kbps (UL); GSM: EDGE: Max. 296 Kbps (DL)/max. 236.8 Kbps (UL), GPRS: Max. 107 Kbps (DL)/max. 85.6 Kbps (UL) 3GPP E-UTRA version 11
- Bandwidth: 1.4/3/5/10/15/20 MHz
- Supply voltage: 3.3V to 4.3V; 3.8 V typ.
- 3GPP TS27.007 and extended AT commands
- Temperature range: -40°C to +80°C
- Dimensions: 51.0 x 30.0 x 4.9 mm
- Weight approx. 9.8g
- Mini PCIe

## Specifications

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