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## Verizon Wireless 4G LTE EHWIC Quick Reference Guide

#### **General Cisco Info**

Device Type	verizon	EHWIC-4G-LTE-V Wireless Networks
Platforms		19XX/29XX/39XX
Density		Max. EHWIC Slots
IOS		Mainline 15.2(4)M3 or later releases (with 4G LTE modem FW 3.5.X)

## Physical

Form Factor	Single wide EHWIC for ISR G2 platforms	
Antenna	TNC Connector for Main and Diversity	
GPS Antenna	SMA connector	
Default	Dual 4G-LTE-ANTM-D and Dual extender 4G- AE010-R	
SIM	<ul> <li>Verizon 4G LTE SIM Card Socket (USIM or mini-SIM)</li> <li>SIM Lock/Unlock Capability</li> <li>MEP Lock/Unlock Capability</li> </ul>	
Dimensions	0.75 x 3.08 x 4.9 in (1.9 x 7.8 x 12.4 cm)	
Weight	5.2 oz (147 grams)	
Power	8W peak (5W typical)	

### 4G LTE Modem

Form Factor	PCIe Mini Card
Radio Technology	LTE and EV-DO Rev A
Frequency	<ul> <li>LTE 700 MHz (Band 13)</li> <li>EV-DO Rev A 800/1900 MHz</li> <li>Quad-Band EDGE/GPRS/GSM</li> </ul>
Peak Downlink Rate	50 Mbps

Peak Uplink Rate	25 Mbps
GPS	<ul> <li>Standalone</li> <li>Separate Active GPS w/ SMA (support w/ later IOS release)</li> </ul>
RX Diversity	<ul><li>All Supported Bands</li><li>MIMO on LTE</li></ul>
Diagnostic	RSVD micro-USB Port
Update	OTA-DM

### Management

Mobile Routing	Enterprise Dynamic Mobile Network Routing (DMNR) Based on Cisco NEMO	
IOS	CLI	
MIBs	3G MIB, Entity MIB	
	<ul> <li>IF MIB and 3G WWAN Persistence (3G MIB with 4G MIB extension support w/ later IOS release)</li> </ul>	

## **Cisco Links**

#### Ordering Guide

http://www.cisco.com/web/ordering/root/index.html

## Go Cisco 4G LTE

http://www.cisco.com/en/US/products/ps1154 0/index.html

## 4G LTE Q&A

http://www.cisco.com/en/US/prod/collateral/modules/ ps5949/ps11540/ga\_c67-641302.html



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