

# PMK U75S

## HSPA USB Stick



**PMK U75S is a mobile HSDPA/HSUPA USB modem conceived for higher performances and cost effectiveness. Compact package and light weight (less than 50 g) ensure portability in any possible environment. Micro SD card slot up to 4 GB makes the user enjoy of a local memory support to store files or photos. SMS support and Circuit Switched voice option complete the available services.**

PMK product line has been conceived especially for residential applications in order to provide: Broadband HSPA connectivity reducing Digital Divide in a very cost effective way; Mobile Broadband HSPA access in any environment (travelling, enjoying vacations, etc.)

PMK U75S is a highly integrated UMTS/HSPA USB stick and represents Qualcomm technology state of the Art. Its HSPA integrated module provides up to 7.2Mbps download link speed and up to 5.76 Mbps\* uplink speed data access through ubiquitous 3G network with circuit switched voice call option. SMS messages can be managed through a dedicated PC Communicator tool while voice call is made available simply connecting a commercial headset.

- **HSDPA up to 7.2 Mbps**
- **HSUPA up to 2.0 Mbps**
- **Supported Network:**
  - WCDMA: 850/1900/2100Mhz
  - EDGE/GPRS/GSM: 850/900/1800/1900Mhz
- **Plug&Play installation**
- **Embedded Antenna**
- **USB 2.0 High Speed interface**
- **RGB Leds indicators**
- **Circuit Switched Voice call \***
- **QUALCOMM Based Chipset**

PMK U75S represents Pirelli response to a growing and pressing market demand for a high performance and cost effective USB HSPA stick to be connected directly to a Personal Computer USB host port or in bundle with Pirelli Residential Gateways\* providing 3G backup connectivity (alternative to ADSL wan interface) and reducing wired connectivity installation time. Quad band GSM/GPRS/EDGE support allows data roaming solutions for quick access to e-mail in case of poor UMTS coverage.

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**LEDs**  
RGB LEDs

**Power Consumption**  
DC Input Voltage: +5.0 VDC from USB Host  
Current Consumption: <500mA (MAX) in any RF Network conditions

**Environmental Specifications**  
Temperature:  
• Operating: 0 to 40 °C  
• Non Operating: -20 to 65 °C  
Relative Humidity:  
• Operating: 10% to 85% non-condensing  
• Non Operating: 5% to 95% non-condensing

**Agency Approvals and Certifications**  
CE mark  
RoHS  
WEEE  
WHQL\*

**Physical Specifications**  
Dimensions [mm]: 80x24x10  
Weight [g]: < 50

## MAIN FEATURES

<b>Wireless Interface</b>	<p>WCDMA:</p> <ul style="list-style-type: none"> <li>▪ 850/1900/2100 MHz</li> <li>▪ HSDPA 7.2: category 8</li> <li>▪ HSUPA 2.0: category 5</li> <li>▪ HSUPA 5.76: category 6* (sw upgrade)</li> <li>▪ UE power class 3</li> </ul> <p>E-GPRS</p> <ul style="list-style-type: none"> <li>▪ 850/900/1800/1900</li> <li>▪ Power class 4 (2W) : 850/900 bands - GSM</li> <li>▪ Power class 1 (1W) : 1800/1900 bands - GSM</li> <li>▪ Power class E2 : 850/900/1800/1900 bands-EDGE</li> <li>▪ GPRS/EGPRS Multislot Class12</li> <li>▪ Circuit Switched data: 14.4 and 9.6 Kbps</li> </ul>
<b>Data Rates</b>	<p>HSPA Networks 7.2Mbps Uplink 2Mbps WCDMA/UMTS Downlink/Uplink up to 384Kbps EDGE Downlink: 236Kbps Uplink: 118Kbps GPRS Downlink: 85.6Kbps Uplink: 42.8Kbps</p>
<b>Radio Frequency Bands</b>	<p>UMTS/GSM/GPRS/EDGE 850 MHz UL: 824–849MHz, DL: 869-894MHz UMTS/GSM/GPRS/EDGE 1800 MHz UL:1710MHz–1785MHz DL:1805MHz–1880 MHz UMTS/GSM/GPRS/EDGE 1900 MHz UL:1850MHz–1910MHz DL:1930MHz–1990 MHz HSDPA/UMTS 2100 MHz UL:1920MHz–1980MHz DL:2110MHz–2170 MHz</p>
<b>SMS</b>	<p>Send &amp; receive (via PC Communicator tool) Import from SIM to PC Phone book &amp; Contact management*</p>
<b>Micro SD</b>	<p>Up to 4 GB</p>
<b>Features</b>	<p>APN auto management Session Statistics SMS &amp; Data service simultaneous operation Circuit Switched voice call option*</p>
<b>Supported OS</b>	<p>Win2k XP Vista MAC OS X 10.4.9 and higher</p>

(\*): optional on request