

# Modem 4G LTE / 3G UMTS PLS8-E GPS



Five Band UMTS/HSPA, Quad-Band GSM/GPRS/EDGE, GPS

## Description

- Five Band UMTS/HSPA: 850/800, 900, 1900 and 2100 MHz
- Quad-Band GSM/GPRS/EDGE: 850, 900, 1800, 1900 MHz
- GPS
- SMS
- USB 2.0 high speed interface

The modem provides worldwide coverage and reliability even while roaming across different wireless network technologies. Two antenna pads enable diversity support allowing PHS8 to provide improved dataspeeds even under fluctuating 3G network conditions.

## Specifications

Air Interface	LTE/UMTS/HSPA/GSM/EDGE
LTE bands	800, 900, 1800, 2100, 2600 MHz
LTE	Cat. 3
LTE data rate	DL: max. 100 Mbps UL: max. 50 Mbps
UMTS bands	900, 1800, 2100 MHz
UMTS	DL Cat.24 / UL Cat. 6
UMTS data rate	DL: max. 42 Mbps UL: max. 5.76 Mbps
GSM/GPRS/EDGE bands	900, 1800 MHz
EDGE	class 12
EDGE data rate	max. 237 kbps (DL & UL)
<b>Power</b>	
Supply Voltage	8 ... 60 V

<b>Air Interface</b>	<b>LTE/UMTS/HSPA/GSM/EDGE</b>
Electrical connection	6-pole Western jack (use accessory cable)
<b>Interfaces</b>	
USB	USB 2.0 high speed, type B
Control	AT commands
Card reader	Mini SIM
<b>Antennas</b>	
LTE/UMTS antenna interface	SMA
Impedance	50 $\Omega$
<b>General</b>	
Operational temperature	-30 °C ... +64°C
Dimensions	65 x 74 x 33 mm
Weight	96 g
<b>Accessories</b>	
Omnidirectional antenna LTE	Article No. M72240
USB cable	Article No. M01210
Supply cable	Article No. M71041
Adapter plug FME/SMA	Article No. M71020