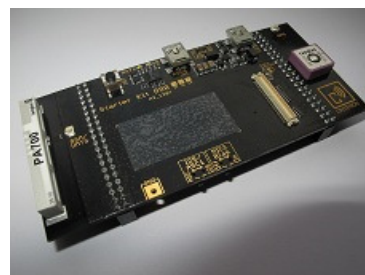


2G Evaluation Kit with BGS2-W Rel.2 Evaluation Module – Kit Overview

The **BGS2-W Rel.2 Evaluation Kit** is a simple and easy-to-use solution for rapid evaluation and testing of Cinterion BGS2 Release-2 GSM/GPRS/SMS wireless module.

The **BGS2-W Rel.2 Evaluation Kit** comprises the following:

- 1 off - Starter Kit B60 Board
(Cinterion P/N : L30960-N0040-A100) (Image: right)
- 2 off - Hirose antenna cables 60mm & 100mm, 50 Ohms
- 1 off - USB A to Mini-USB ‘Y’ cable 1m
- 1 off - BGS2-W Release 2 Evaluation-Module for B80 board
(Cinterion P/N L30960-N2211-A200) (image: lower right)



Description

The Starter Kit B80 Board connects to a PC via the supplied USB cable to provide communications with the BGS2-W Rel.2 Evaluation Module. The board may be powered via the same USB cable or from a suitable external power source enabling monitoring of the module power consumption.

The RF antenna connection of the evaluation module is made available via a U.FL connector on the B80 Board. An external antenna may be connected to the U.FL connector or the on-board antenna selected using the provided RF antenna cable (U.FL to U.FL)

Full instructions and specifications are provided in the ‘Starter Kit B80 User Guide’ document.

The Starter Kit B80 may also be used for evaluation of other Cinterion GSM modules & evaluation modules which utilise an 80-way interface connector, summarised as follows:

Evaluation unit	Cinterion P/N	Applicable production module	Region / Radio Bands
BGS5 Eval-Module	L30960-N3301-A100	BGS5	850 / 900 / 1800 / 1900 MHz
EHS5-E Rel.2 Eval-Module	L30960-N2801-A200	EHS5-E Rel.2	EU: 900 / 1800 & 2100 MHz
EHS5-US Rel.2 Eval-Module	L30960-N2811-A200	EHS5-US Rel.2	US: 850 & 1900 MHz
EHS6 Eval-Module	L30960-N2951-A100	EHS6	5-band UMTS + Quad band 2G

Additional information is available in the Gemalto Developer Zone: <https://developer.gemalto.com>