

1. PRODUCT DESCRIPTION

The Wavecom WMOD2B modem exists under two dual-band versions:

- EGSM 900/1800 MHz
- EGSM 900/1900 MHz

1.1 Package content

The Wavecom WMOD2B modem package comprises:

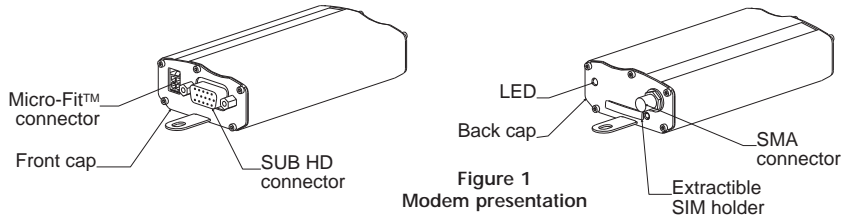
- 1 Modem
- 2 holding bridles
- 1 Power supply cable + fuse
- 1 User manual (this document)

1.2 Product presentation

The Wavecom WMOD2B modem supports DATA and FAX transmission, Short Messages (Point to Point and Cell Broadcast) and VOICE calls.

The connectors binded to the body guarantee output and input connections.

An extractible holder is used to insert the SIM card (Micro-SIM type). A LED indicates the operating mode.



1.3 Physical characteristics

Dimensions	98x54x25 mm (excluding connectors)
Overall dimensions	110x54x25 mm
Weight	< 130 grams
Volume	13.23 cm ³
Housing	Aluminium profiled

1.4 Functions - GSM Modes

Standard	Dual Band Extended GSM 900 MHz Class 4 (2W) and GSM 1800/1900 MHz Class 1 (1W)
Interface	Serial interface RS232 V.24/V.28 Autobauding function AT command set based on V.25ter and GSM 07.05 & 07.07
SMS	Mobile Originated (MO) and Mobile Terminated (MT). Mode Text & PDU point to point. Cell broadcast. In accordance with GSM 07.05.
Data	Asynchronous 2400, 4800, 9600 and 14400 bits/s. Transparent and Non Transparent mode. In Non Transparent Mode only: 300, 1200, 1200/75 bauds. Mode 3.1 KHz (PSTN) and V110 (ISDN).
Fax	2400/4800/7200/9600 bits/s GSM teleservice 62 in Transparent Mode. Class 2. Groupe 3 compatible.
Audio	Half Rate / Full Rate / Enhanced Full Rate. Accessories (options): handset and car-kit.

1.5 Temperature range

Operating conditions : From -20°C to +55°C

Storage conditions : From -25°C to +70°C