



HV Sistemas S.L.

Trustworthy radio data transmission

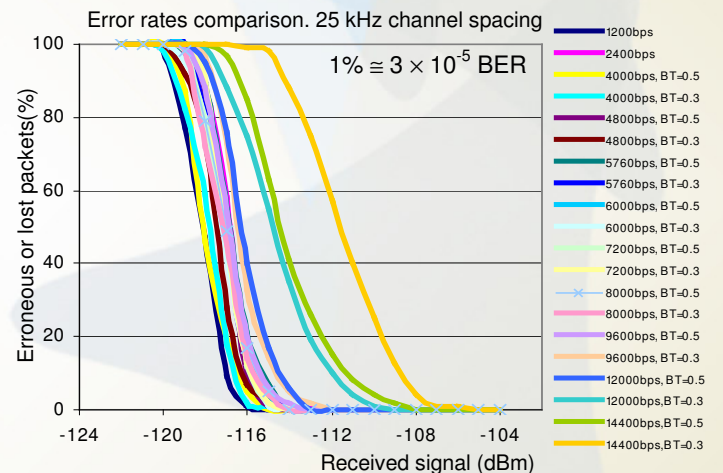
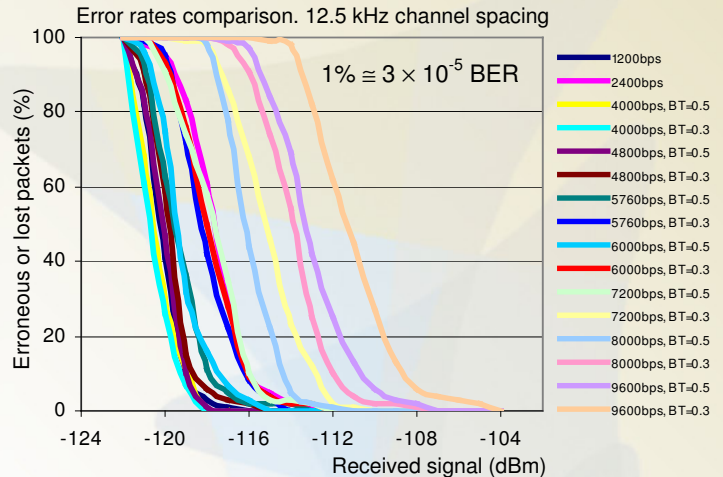
multimode modem FSK/FFSK/GMSK P8501



This modem is the external equivalent of the P8402 internal multimode modem

Its DSP-based architecture makes it very flexible, adaptable to specific functions tailored to customer's needs. Like the internal version (multimode modem P8402) it uses the same hardware for all working modes.

Thanks to the open philosophy that characterizes our product range, it can be easily incorporated into existing networks



Specifications*

Power supply	8-32 Vdc, 100mA maximum
Modulation	FFSK (1200/1800Hz @ 1200bps, 1200/2400Hz @ 2400bps) GMSK (BT selectable 0.3 or 0.5) FSK (selectable mark and space frequencies)
Data over radio baud rate	1200 ó 2400bps using FFSK modulation, 0-600, 0-1200bps using FSK modulation
Data over radio protocol	4000, 4800, 5760, 6000, 7200, 8000, 9600, 12000 ó 14400 using GMSK modulation Synchronous, HDLC subset, selectable NRZ or NRZI coding, selectable randomizer. Raw in FSK modes.
Data interface	RS-232 or RS422/RS485, version depending
Buffer size	4096 bytes total, than can be assigned to receive or transmit buffer in 256 bytes increments (for example, 3072 bytes for receive and 1024 bytes for transmit).
Serial baud rate	300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600 ó 115200bps, selectable
Serial data format	Asynchronous, 8 bits, no parity, even parity or odd parity
Other functionalities	Group code, independently selectable for TX and RX Transmit inhibit on radio busy
Dimensiones	63 x 30 x 88 mm (excluding connectors)

* Specifications subject to change without notification