



Ideal for Remote Sites

Low power use, wide operating temperature range

Overview

The COM9522B interface provides a convenient way to connect an [Iridium 9522B satellite transceiver](#) to a computer or data logger and to a power supply. When the COM9522B interface and Iridium 9522B satellite transceiver are combined,

a data logger is easily accessible over the global Iridium satellite network.

The COM9522B may be ordered individually or preferably as part of the [IRIDIUM9522B Satellite Modem and Interface Kit](#).

Benefits and Features

- › Rugged enough for harsh environments
- › Low power - suitable for remote applications
- › Easiest and most reliable way to connect an Iridium 9522B to a data logger or computer

Detailed Description

The COM9522B has an RS-232 port, power and control terminals, and a 26-pin connector. The COM9522B connects to the data logger's RS-232, COM, or CS I/O port.

- › An RS-232 connection to a data logger 9-pin serial port requires the [18663 null modem cable](#).
- › An RS-232 connection to a data logger RS-232/CPI RJ45 port (as found on the CR6) requires the [31055 data cable](#).
- › A COM port connection requires the [17855 serial cable](#) DB9 male to pigtail cable.

- › A CS I/O port connection requires the [SC105 interface](#) (preferred) or the [SC932A interface](#).

LEDs on the COM9522B indicate the following:

- › Power On
- › Network Service
- › Modem Output
- › Modem Input

Specifications

Operating Voltage	9 to 18 Vdc, 12 Vdc nominal
Current Drain at 12 Vdc	› 20 µA (quiescent, off state) › 32 mA (active, on state max)
Maximum Supply Current	2500 mA
Control Input Voltage	› < 1.25 Vdc (guaranteed off) › > 3.24 Vdc (guaranteed on) › 18 Vdc (maximum voltage)
Communication Rate	19200 bps (between data logger and COM9522B)
Operation	Full-duplex

Operating Temperature Range	-40° to +70°C
LEDs	Power switched to Iridium Modem, TX and RX, Network Service
Compliance	CE Compliant
Length	› 20.1 cm (7.9 in.) with mounting bracket › 17.0 cm (6.7 in.) without mounting bracket
Width	3.8 cm (1.5 in.)
Weight	~476 g (17 oz)

For comprehensive details, visit: www.campbellsci.com/com9522b 



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