



30693

9522B Iridium Satellite Transceiver with SIM Card



Excellent Global Coverage

Overview

The 30693 is an Iridium 9522B satellite transceiver, providing global two-way communications to a remote station over the Iridium satellite network. The device ships with a SIM card ready for activation and a mounting bracket. A [COM9522B](#)

[modem interface](#) is used to easily connect this transceiver to a computer or Campbell Scientific data logger.

The 9522B may be ordered individually or preferably as part of the [IRIDIUM9522B Satellite Modem and Interface Kit](#).

Detailed Description

This device is a component of the [IRIDIUM9522B Satellite Modem and Interface Kit](#).

A [COM9522B Iridium Satellite Modem Interface](#) is used to supply power to this device and to connect it to a computer or data logger.

Specifications

| | |
|-----------------------------|---|
| Operating Temperature Range | -30° to +70°C |
| Operating Humidity | 25% to 75% |
| Storage Temperature Range | -40° to +85°C |
| Storage Humidity | 93% (max) |
| Dimensions | 16.2 x 8.1 x 2.8 cm (6.4 x 3.2 x 1.1 in.) |
| Weight | ~420 g (14.8 oz) |

| | |
|----------------------|------------------------------|
| Transmission Current | 500 mA @ 12 Vdc |
| Operating | 4 to 32 Vdc (333 mA @12 Vdc) |
| Standby | 125 mA @ 12 Vdc |

| RF Interface | |
|------------------------|--------------------------|
| Frequency Range | 1616 to 1626.5 MHz |
| Duplexing Method | TDD (Time Domain Duplex) |
| Oscillator Stability | ±1.5 ppm |
| Input/Output Impedance | 50 ohm |
| Multiplexing Method | TDMA/FDMA |

| Power Supply | |
|--------------|-------|
| Off State | 20 uA |

For comprehensive details, visit: www.campbellsci.com/30693

