9522B DataMODEM

RST600B

Data

Short Burst Data

The Beam RST600B uses the latest Iridium 9522B L-Band transceiver, the RST600B is a stand-alone module that provides access anywhere on earth to all of the Iridium data services.

The RST600B is supplied with a robust mounting bracket for flexible installation into a wide variety of applications, alternatively the transceiver module can be installed without the bracket for a more compact installation.

The terminal is supplied with cable assemblies to support either a standard or compact installation making it very easy to supply power to the terminal as well as accessing the RS232 D9 serial data connection.

Key Features

- Compact Installation
- Various mounting options
- Cables included in kit
- In-built 4.0 - 32V DC supply
- AC 110/240V Plug Pack
- Full Hayes comatible AT Command set
- RS232 D9 Serial interface
- Continuous Circuit Switched Data
- SBD & SMS
- Fully Certified
- Pass through GPS Signal

Loggers

Data Applications

Alarm/ Monitoring Systems

Access Controllers

TECHNICAL SPECIFICATIONS

POWER SPECIFICATIONS	
Main Input Voltage Range	+4.0 VDC to +32 VDC
Main Input Voltage	Ripple 40mV peak to peak
Consumption at +5VDC	
Input Standby current (average)	250mA
Max current during call	2.5A
Typical current during call	800mA
Power Average - Voice / Data Call	4W
RF CHARACTERISTICS	
Average power during a transmit slot (max)	**7W**
Average Power during a frame (typical)	0.6W
Receiver Sensistivity at 50Ω (typical)	-118.5dBm
Receiver Spurious Rejection at offsets > 1 MHz (typical)	60dB
Frequency Range	1616 MHz to 1626.5 MHz
Duplexing Method	TDD (Time Domain Duplex)
Oscillator Stability	± 1.5 ppm
Input/Output Impedance	50Ω
Multiplexing Method	TDMA / FDMA

PHYSICAL SPECIFICATIONS	w/o BRACKET	w/BRACKET
Dimensions - mm	162 x 81 x 28	185 x 81 x 30
Dimensions - inches	6.4 x 3.2 x 1.1	7.3 x 3.2 x 1.2
Weight - kg	420g	
Weight - lbs	0.93lbs	

ACCESSORIES	
RST710	Mast Mount Antenna
RST715	Magnetic Mount Antenna (incl. 5m Cable)
RST720	Bolt Mount Antenna (incl. 5m Cable)
RST932	6m Iridium Antenna Cable
RST933	12m Iridium AntennaCable

KIT CONTENTS
9522B Iridium Transceiver
Mounting Bracket with mounting holes & D25 Connection
Data & Power Interface cable assembly to support D25 Connection
Data & Power Interface cable for use in a compact installation
DC Power Cable
User manual in hard copy
AC Mains/12VDC Plug Pack
Beam Starter CD including AT command set

INSTALLATION OVERVIEW

Standard Installation using base-plate

Compact Installation

APPROVED BEAM RESELLER

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