



Bluetooth Cable Replacement

Part Number: LM048



Overview

Data transfer made easy with the Worlds Smallest RS232 Bluetooth Adapter. Cable replacement or just the need for data transfer wirelessly this unit is ideal.

The firmware inside our unit has the capabillites to be versatile fullfilling the industries various requierments The top switch will turn the unit from DTE to DCE.

The LED lights inidacate wether data is being transfered, Bluetooth connection and power on. The DB9 connector has a NUT on one side and a screw fix on the other. The side mini USB port can be used to power the unit from USB to USB or Mains to mini USB.

The strong housing is able to with stand knocks and has been drop tested from over 10 meters.

LM pride it self on service and can have our units pre configured at assemble to your specific requierments if requested.

Standard range is upto 100mtrs as a Class 1 bluetooth chip comes as standard.

The unit has FCC, CE and RTTE approval



Specifications LM048



Specification

Baud Rate
Coverage
Connection
Signal
RS232 Interface
Standard
Frequency
Hopping

Modulation
Tx. Power
Rx. Sensitivity
Antenna
Power Supply
Current Consumption
Operation Temperature
Dimensions
Power Supply
Plastic housing
Leds
Profiles
Certifications
Comands
Slide Switch

Description

Supports 4.8 / 9.6 / 19.2 / 38.4 / 57.6 / 115.2 / 230.4 / 460.8 kbps
Up to 100m
Point-to-point (pico net)
TxD, RxD, GND, CTS, and RTS
D-SUB 9-pin female
Bluetooth specification version 2.0 + EDR
2.400 to 2.4835 GHz
1,600/sec, 1 MHz channel space
GFSK-1 Mbps, DQPSK-2 Mbps and 8-DPSK-3 Mbps
Max. 18dBm (Class 1)
-86 dBm typical
Built in antenna
+5 to +9 VDC
Max. 90 mA
-20 °C to +75 °C
47x34x19
Pin 9 on the D-SUB
Light grey
Power, Link, Data
SPP, GAP
FCC, CE and Bluetooth according to SIG
AT
DTE/DCE

Factory Settings

Baud rate:
Data bit:
Parity:
Stop bit:
Flow control:

Description

19200 bps

None

HW or none

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Status

Power LED (red) off
Power LED (red) on
Link LED (blue) off
Link LED (blue) very fast (0.1 sec) blinking

Link LED (blue) fast (0.3 sec) blinking
Link LED (blue) slow (0.9 sec) blinking
Link LED (blue) very slow (1.2 sec) blinking
Link LED (blue) steadily on
Data LED (Green)

Description

No power supply
Firmware is running OK
No pairing established
Pairing (slave or master mode)
Discoverable and waiting for a connection (slave mode)
Inquiring (master mode)
Connecting (master mode)
Connection established
Blinking when transmitting