

RS-232/RS-485 Total Solution

OPT232-9 Multi-mode OPT232S-9 Single-mode

Port Powered RS-232 to OPTICAL FIBER CONVERTER

1 Introduction

BOSHIKA RS-232 to optical fiber converter is used to realize optical fiber communication of PC , MCU ,intelligent instruments. BOSHIKA Electronics invented port-powered RS-232 to optical fiber converters, including multi-mode and single-mode fiber.They have world's smallest size!

With media of optical fiber, the communication system resist high voltage, electro-magnetic disturbance and thunder. Optical fiber converters are widely used in industry process control, electric power system automation, transportation control.

2 Installation

Model OPT232 optical fiber converter is DB-9/DB-9 sized. Model OPT232S optical fiber converter is DB-9/DB-25 sized. The DB-9(female) is plugged to DB-9(male) RS-232 port of PC, and no power supply is needed! It is with a pair of ST type optical fiber socket.

The deep gray ST socket is receiver, and the light gray ST socket is sender. The sender is connected to the receiver of another converter with optical fiber.

3 feature

OPT series RS-232/optical fiber converters support up to 115.2Kbps of baud rate 。 No initialization setting is needed! No software modifying is needed ! BOSHIKA electronics has unique electric power stolen technique and zero-time-delay auto TXD/RXD enabling technique. They are suited for all software.

socket	2×ST
media	Multi or single mode optical fiber
electronic interface	RS-232(DB-9 female)
size	about 17*55*70mm

Wave length	820nm (Multi mode) 1300nm (Single mode)
weight	90 grams
distance	4Km (Multi mode) 40Km (Single mode)
Fiber type	50/125、62.5/125、100/140um

4 photos

