

OPT232S1-T5R3

OPT232S1-T3R5

Port powered

RS-232 to Optical Single-Fiber Converter

1 Usage

Boshika OPT232S1 port powered RS-232 to optical single-fiber converter is used to realize serial communication via single optical fiber, and extend the communication distance. With optical fiber transmission medium, it prevents electromagnetic interference, resistance to high isolation voltage, lightning, etc. Optical fiber converters are widely used in industrial process control, distributed data acquisition, etc, especially power automation, traffic control and other departments.

2 Hardware Installation

OPT232S1 is RS-232 to single-fiber converter for bi-direction communication .Its shape is DB-9/DB-9 dongle size, only one ST fiber is needed. OPT232S1 needs no power supply.

OPT232S1 divides into two kinds of models T3R5 and T5R3, T3R5 and T5R3 must be used in pairs.

3 performance characteristics

OPT232S1 has the highest baurate of 115.2 Kbps. Without any initialization Settings! Unique zero delay automatic TXD-RXD exchange technology ensures that suitable for all software

socket	ST	plug	Female DB-9 RS-232
media	Single-mode or Multi-mode	Size,weight	DB-9/9 Dongle、 80 gram
protocal	RS-232	distance	15Km via single-mode fiber 1Km via multi-mode fiber
Wave length	T5R3 (Tx1550nm, Rx1310nm) T3R5 (Tx1310nm, Rx1550nm)	Fiber diameter	50/125、 62.5/125、 100/140um

4 Figure

