

RS-232 / 422 / 485 to Fiber Converter

Features

1. Extend RS-232/485/422 transmission up to 120Km with Single-mode
2. Transmit asynchronously, point to point, speed reach 500Kbps
3. Examine signal speed automatically, zero delay time
4. Plug-and-Play(hot-pluggable, data format auto-sensing & self-adjusting)
5. Support RS-232/485/422 interface type, but only one RS-232/ RS-485/ RS-422 port can be connected at a given time
6. 9~36VDC power supply input(2 bit terminal block)



RS-232/485/422 serial port carry transparent optic fiber modem of transmission to get end to user, no need patch cords set up, switch over automatically, and can detect and examine the signal speed automatically, zero delays time to transmit automatically. Adopt optic fiber transmit, have isolate protection, data privacy is fine, working steady, data, such threats to communication equipment as the wave is welled up and interfered with electromagnetically that the effective one has prevented the abominable environment from being struck by lightning, can work in the abominable and dangerous environment reliably. Can be used in occasions such as various industrial control, course controlling, traffic controlling and intellectual district , especially suit the bank, electricity and interfering with environment department and system with the special requirement electromagnetically.

Specifications

RS-232/485/422

Standards: EIA RS-232C, RS-485, RS422 standard
 RS-232 signal: OUT(TX), IN(RX), GND
 RS-422 signal: T+, T-, R+, R-, GND
 RS-485 signal: D+, D-, GND
 Working mode: Asynchronism, point to point or multi point, 2 wire half-duplex, 4 wire full duplex
 Baud rate: 0~115.2Kbps, auto test serial signal rate detect signal speed automatically, zero delay time
 Transfer distance: RS-485/422 side: 1.2Km(9600bps)
 RS-232 side: no less than 5m
 Max number of drops: 128 nodes(RS-485/422)
 Port protect: 600W surge protection
 15KV ESD protection

Optic Fiber

Connectors: SC, FC or ST, optional
 Fiber optic cables: Single Mode: 8.3/125, 8.7/125, 9/125 or 10/125 um
 Multi-Mode: 50/125, 62.5/125 or 100/125 um
 Transmission: 20, 40, 60, 80, 100, 120km(SM),
 2km(MM) optional
 Wavelength: 850nm, 1310nm, 1550nm

Power

Power input: 9~36VDC power input(2 bit terminal block)
 Consumption: 120mA

Environment

Operating temperature: -10°C to 60°C
 Storage temperature: -40°C to 85°C
 Humidity: 5% to 95%(no condensation)

Appearance

Dimensions: 100.0mm×69.0mm×22.0mm
 Material: Iron(shell)
 Color: White
 Weight: 230g
 Approvals: FCC, CE, RoHS approvals

Ordering Information

BC-MMSC02KM	RS232/422/485 to Fiber Media Converter, Multi-mode 2Km and Single-mode, 20Km, SC connector
BC-SMSC40KM	RS232/422/485 to Fiber Media Converter Single-mode, 40Km, SC connector
BC-SMSC60KM	RS232/422/485 to Fiber Media Converter Single-mode, 60Km, SC connector
BC-SMSC80KM	RS232/422/485 to Fiber Media Converter Single-mode, 80Km, SC connector
BC-SMSC100KM	RS232/422/485 to Fiber Media Converter Single-mode, 100Km, SC connector
BC-SMSC120KM	RS232/422/485 to Fiber Media Converter Single-mode, 120Km, SC connector
BC-SMSC02KM/1550T/1310T	RS232/422/485 to Fiber Media Converter Single-mode, single fiber, 20Km, SC connector
BC-SSMSC40KM	RS232/422/485 to Fiber Media Converter Single-mode, single fiber, 40Km, SC connector
BC-SSMSC60KM	RS232/422/485 to Fiber Media Converter Single-mode, single fiber, 60Km, SC connector
BC-SSMSC80KM	RS232/422/485 to Fiber Media Converter Single-mode, single fiber, 80Km, SC connector