MEDIA CONVERTER
RS-232/482/422 Converter

FOCOMM

FEATURE

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

OVERVIEW

Focomm Series is one kind can offer 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. Focomm Series 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.

SPECIFICATION

Interface
- 1 x RS-232/485/422
- 1 x Optical port (1x9) 100Base-Fx

Optical Port
- Available for 1310nm and 1550nm Single mode, and 1310nm Multi mode
- Transfer Distance: up to 120km
- Connectors: SC, ST, or FC optional
- Fiber core: 8.3μm, 8.7μm, 9μm and 10μm on single-mode fiber; 50, 62.5 and 100μm on multi-mode fiber

RS-232/485/422
- Standard: 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), RS232 side: no less than 5m
- Max number of drops: 128 nodes(RS-485/422)
- Port protect: 600W surge protection, 15KV ESD protection

Power Requirement
- Power input: 5V DC
- Consumption: 120mA

Physical Characteristics
- Housing: Metal enclosure
- Dimensions: 100 x 69 x 22mm
- Weight: 230g

Environmental Limits
- Operating Temperature: -25°C to 70°C
- Storage Temperature: -40°C to 85°C
- Humidity: 5% to 95% RH (non-condensing)

Agency Approvals
- FCC Part 15 of Class A & CE approved, RoHS Compliant.

Warranty
- 3 years

ORDER INFOMATION

PRODUCT	PART NUMBER
Media Coverter RS-232/485/422 transmission to Multi-Mode, 2Km, 9V-36VDC, SC	MC-RS5-02
Media Coverter RS-232/485/422 transmission to Single-Mode, 20Km, 9V-36VDC, SC	MC-RS9-20

ISO 9001 ISO 14001 FC CE