

Fiber Optic Modem

RS-232/RS-485/RS-422 fiber optic modem model number 168



Descriptions

The Model168 Series converter is equipped with a multiple interface circuit that can handle RS-232, or RS-422/485 serial interfaces and multi-mode or single- mode fiber. Model168converters are used to extend serial transmission distance up to 2 km (multi-mode fiber) or up to 20KM/40KM/60 km (single mode fiber). Note that the RS-232 and RS-422/485 interfaces cannot be used on the same Model168 at the same time to convert to fiber.

Auto Baud Rate Detection: The Model168 Series incorporates a method for automatically detecting the serial signal baud rate by hardware. This is an extremely convenient feature for the user. Even if a device's baud rate is changed, the signal will still be transmitted through the RS-232 or RS-422/485 to fiber converter without any problem.

Features

- 1.Auto sense serial signal rate, zero delay automatic transmit
- 2.500Kbps the highest rate
- 3.Supply three interface (RS232/485/422)
- 4.Multi-mode 2KM, signal-mode 20KM/40KM/60KM optional

Specifications

Standard	EIA RS-232, RS-485, RS-422 standard
RS-232 signal	IN, OUT, GND
RS-485 signal	D+, D-, GND
RS-422 signal	R+, R-, T+, T-, GND
Fiber signal	IN, OUT
Working format	Asynchronism, point to point or multi-point
Direction control	Adopt automatic send data control, auto distinguish and control data transfer direction
Band rate	0-500Kbps, auto serial band rate test
Fiber wavelength	Multi-mode 850nm, signal-mode 1310nm
Electric port transmission	RS-232 port 15M, RS-485/422 port 1200M
Optic port transmission	Multi-mode 2KM, signal-mode 20KM/40KM/60KM
Loading	RS-485/422 port Support 32 port loop environment (or hand tailor 128 point)
Interface protection	600W surge protection, 15KV static protection
Electricity connector	8 terminal block
Dimension	100mm*69mm*22mm
Input Power	5-40VAC
Consumption	2W

Model Number	Descriptions	ports
GM168MM-C	Multimode、1310、SC、5KM	RS-485/RS-422/RS-232 to Fiber
GM168MM-T	Multimode、1310、ST、5KM	RS-485/RS-422/RS-232 to Fiber
GM168SM-C20	Single mode、1310、SC、20KM	RS-485/RS-422/RS-232 to Fiber
GM168SM-C40	Single mode、1310、SC、40KM	RS-485/RS-422/RS-232 to Fiber
GM168SM-C60	Single mode、1310、SC、60KM	RS-485/RS-422/RS-232 to Fiber
GM168SM-T20	Single mode、1310、ST、20KM	RS-485/RS-422/RS-232 to Fiber
GM168SM-T40	Single mode、1310、ST、40KM	RS-485/RS-422/RS-232 to Fiber
GM168SM-T60	Single mode、1310、ST、60KM	RS-485/RS-422/RS-232 to Fiber
GM168SMB1-C20	SM Singlefiber TX1310/RX1550 SC20KM	RS-485/RS-422/RS-232 to Fiber
GM168SMB2-C20	SM Singlefiber TX1550/RX1310 SC20KM	RS-485/RS-422/RS-233 to Fiber

Fiber Optic Modem

RS-232 fiber optic modem model number 218



Descriptions

The Model218 Series converter is equipped with a multiple interface circuit that can handle RS-232 serial interfaces and multi-mode or single- mode fiber. Model218 converters are used to extend serial transmission distance up to 2 km (multi-mode fiber) or up to 20,40,60km (single- mode fiber). Note that the RS-232 interfaces cannot be used on the same Model218 at the same time to convert to fiber. **Auto Baud Rate Detection:** The Model218 Series incorporates a method for automatically detecting the serial signal baud rate by hardware. This is an extremely convenient feature for the user. Even if a device's baud rate is changed, the signal will still be transmitted through the RS-232 to fiber converter without any problem.

Features

- 1.Auto sense serial signal rate, zero delay automatic transmit
- 2.Support 5V Volt input, +14 or -14V Volt output, consumption 2W
- 3.Internal or external power choice.
- 4.Multi-mode 2KM, signal-mode 20KM, 40KM, 60KM optional

Specifications

Standard	EIA RS-232
RS-232 signal	IN, OUT, GND
Fiber signal	IN, OUT
Working format	Asynchronism, point to point or multi-point
Direction control	Adopt automatic send data control, auto distinguish and control data transfer direction
Band rate	0-120Kbps, auto serial band rate test
Fiber wavelength	Multi-mode 850nm, signal-mode 1310nm
Electric port transmission	RS-232 port 15M
Optic port transmission	Multi-mode 2KM, signal-mode 20KM/40KM/60KM
Loading	point to point
Interface protection	600W surge protection, 15KV static protection
Electricity connector	DB-9 female
Dimension	100mm*69mm*22mm
Input Power	5-40VAC
Consumption	2W

Model Number	Descriptions	ports
GM218MM-C	Multimode、1310、SC、5KM	RS-232 to Fiber
GM218MM-T	Multimode、1310、ST、5KM	RS-232 to Fiber
GM218SM-C20	Single mode、1310、SC、20KM	RS-232 to Fiber
GM218SM-C40	Single mode、1310、SC、40KM	RS-232 to Fiber
GM218SM-C60	Single mode、1310、SC、60KM	RS-232 to Fiber
GM218SM-T20	Single mode、1310、ST、20KM	RS-232 to Fiber
GM218SM-T40	Single mode、1310、ST、40KM	RS-232 to Fiber
GM218SM-T60	Single mode、1310、ST、60KM	RS-232 to Fiber
GM218SMB1-C20	SM Singlefiber TX1310/RX1550 SC20KM	RS-232 to Fiber
GM218SMB2-C20	SM Singlefiber TX1550/RX1310 SC20KM	RS-232 to Fiber

Fiber Optic Modem

RS-485/RS-422 fiber optic modem model number 268



Descriptions

The Model268 Series converter is equipped with a multiple interface circuit that can handle RS-422/485 serial interfaces and multi-mode or single- mode fiber. Model268 converters are used to extend serial transmission distance up to 2 km (multi-mode fiber) or up to 20, 40, 60km (single- mode fiber). Note that the RS-422/485 interfaces cannot be used on the same Model268 at the same time to convert to fiber.

Auto Baud Rate Detection: The Model268 Series incorporates a method for automatically detecting the serial signal baud rate by hardware. This is an extremely convenient feature for the user. Even if a device's baud rate is changed, the signal will still be transmitted through the RS-422/485 to fiber converter without any problem.

Features

- 1.Auto sense serial signal rate, zero delay automatic transmit
- 2.Adopt automatic send data control, auto distinguish and control data transfer direction
- 3.0-120Kbps the highest rate
- 4.Supply two interface (RS485/422)
- 5.Multi-mode 2KM, signal-mode 20KM, 40KM, 60KM

Specifications

Standard	EIA RS-485, RS-422 standard
RS-485 signal	D+, D-, GND
RS-422 signal	R+, R-, T+, T-, GND
Fiber signal	IN, OUT
Working format	Asynchronism, point to point or multi-point
Direction control	Adopt automatic send data control, auto distinguish and control data transfer direction
Band rate	0-120Kbps, auto serial band rate test
Fiber wavelength	Multi-mode 850nm, signal-mode 1310nm
Electric port transmission	RS-485/422 port 1200M
Optic port transmission	Multi-mode 2KM, signal-mode 20KM/40KM/60KM
Loading	RS-485/422 port Support 32 port loop environment (or hand tailor 128 point)
Interface protection	600W surge protection, 15KV static protection
Electricity connector	5 terminal block
Dimension	100mm*69mm*22mm
Input Power	5-40VAC
Consumption	2W

Model Number	Descriptions	ports
GM268MM-T	Multimode、1310、ST、5KM	RS-485/RS-422 to Fiber
GM268SM-C20	Single mode、1310、SC、20KM	RS-485/RS-422 to Fiber
GM268SM-C40	Single mode、1310、SC、40KM	RS-485/RS-422 to Fiber
GM268SM-C60	Single mode、1310、SC、60KM	RS-485/RS-422 to Fiber
GM268SM-T20	Single mode、1310、ST、20KM	RS-485/RS-422 to Fiber
GM268SM-T40	Single mode、1310、ST、40KM	RS-485/RS-422 to Fiber
GM268SM-T60	Single mode、1310、ST、60KM	RS-485/RS-422 to Fiber
GM268SMB1-C20	SM Singlefiber TX1310/RX1550 SC20KM	RS-485/RS-422 to Fiber
GM268SMB2-C20	SM Singlefiber TX1550/RX1310 SC20KM	RS-485/RS-422 to Fiber

Fiber Optic Modem**V.35 Fiber Optic Modem****Descriptions**

V.35 fiber optic Modem is a kind of communication equipment to transmit one channel of V.35 data over a pair of fibers. It uses ASIC chip, adopts modular structure inside, integrates the functions of coding, decoding, information insertion, and alarm switchover,. Therefore its circuit is simple, structure is compact and power consumption is low. It is widely used in the occasions that require high reliability and complete auxiliary functions.

Features

- Providing one optical port, supporting point-to-point connection in pairs or connection to E1 fiber optic Modem;
- Providing one V.35 port, with the rate of $N \times 64$ Kb/s ($N = 1-32$), adjustable
- Providing three timing modes: master timing, tracing V.35 port, and tracing optical port
- Supporting automatic tracing function of remote timeslot bandwidth
- Providing auto-sensation between the receive clock and data phase at V.35 port
- Supporting multiple loopback functions and bit error of internal link test function, facilitating engineering commissioning
- Providing the remote electrical outage detection function, which can tell whether it is fiber cut or the remote electrical outage
- Rich panel display enables the user easy to identify the fault
- Two optional power supplies: AC and DC
- AC 220V (175V -265V)
- DC -48V (-36V -- -72V)
- Power consumption (5W)

For detailed inquiry please contact our sales team at: sales@HuihongFiber.com .