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➤ Optical Fiber Modem



SG2000 Optical Fiber Modem

SG Optical Fiber Modem is a optical fiber transmission equipment which use optical fiber to long-distance transmit V.35 port signal, provides solution for remote connection of routers It is a kind of optical fiber equipment that usually be used in WAN group net. It provides one V.35 port and one two-core fiber port, supports E1 transparent transmission and E1 frame transmission. Offers 2048K(transparent mode) or NX64Kbps(N=1~31) transmission rate.

Product Feature

- Provides one V.35 port and one two-core fiber port
- V.35 interface adopts DTE, DCE mode
- Supports E1 transparent transmission and E1 framing transmission
- Supports three clock manner: master clock, slave clock and terminal clock
- Supports PCM31, PCM30 adjusting, adapts to different transmission system
- Fault transfer, can transfer E1 receiving end alarm and sending end alarm to V.35 port DCD and CTS signal
- Standard transmission distance is 40km, 120km transmission distance can be customized
- - 48V DC power supply or 220V AC power supply

Technologies reference

- Fiber type: Single-mode fiber or Muti-mode fiber
- Fiber wavelength: 1310nm, 1550nm and 850nm can be optional
- Fiber interface: SC, FC and ST can be optional
- Optical line code: 1B1H
- Date rate: 4096KBIT/S
- Fiber module: Single Strand module or Double Strand module
- Output optical power: -8DBM~-15DBM
- Receiving sensitivity: ≥ -36DBM
- Transmission distance: 40KM (maximum distance:120KM)
- E1 character: connector code: 2.048KBIT/S, NX64KBIT/S
- Working manner: DTE, DCE
- Power: Voltage: 180V~240V AC, -36V~-72V DC Power consumption: <5W
- Working environment:

Operating temperature: 0°C~50°C

Storage temperature: -40°C~70°C

Environment humidity: 5~90%(non-condensing)

Atmospheric pressure: 86~106KPA

● Dimension: 200mm×140mm×35mm

● Weight: 0.5kg

SG Fiber Modem Protocol Converter(Concertrate managed type)	
SG 2000J	3U Protocol rack,double power supplies with 220V and 48V
SG 2000N	SG 2000J network management card,ethernet management port with software
SG 2000V	Frame E1 and FrameV.35 port,Summation of rate is 2M (Fiber Modem)
SG 2000E	Frame FE1 and Frame ethernet port,Summation of rate is 2M (Fiber Modem)
SG 2000A	Frame FE1 to V.35 converter, Auto-negotiation in 120Ω and 75Ω,has net management function
SG 2000B	Frame FE1 to Ethernet, 10M/100M auto-adapted, has net management and VLAN function
SG 2000C	Frame E1 and FrameV.35 port,Summation of rate is 2M (Fiber Modem)
SG 2000D	Frame FE1 and Frame ethernet port,Summation of rate is 2M (Fiber Modem)
SG 2000K	Frame FE1 to V.35 converter, Auto-negotiation in 120Ω and 75Ω,has net management function
SG 2000E	Frame FE1 to Ethernet, 10M/100M auto-adapted, has net management and VLAN function

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