Serial Data to Fiber/TP Media Converters

Signamax Connectivity Systems' Serial Data Fiber Media Converters make it simple to extend distances over Multi Mode or Single Mode fiber. They are designed to expand the scope of your RS-232 or RS-422/485 serial data applications, and are 100% compliant with EIA RS-232 unbalanced and both RS-422 & RS-485 4-wire balanced line specifications. Converters for both Multi Mode and Single Mode fiber are available in RS-232/-422/-485 configurations.

KEY FEATURES

- **Auto MDI/MDI-X**
- **External power supply**
- **FCC Class A & CE approved**
- **3-in-1 RS-232/422/485 serial interfaces**
- **Chassis compliant (internal power supply)**
- **Auto-detecting 10/100 Mbps Ethernet interface**
- **Extended distances up to 1.2 km (24 AWG) using RS-422/485**
- **Supports serial port asynchronous data rates up to 115.2 Kbps**
- **Managed via CLI, Telnet, RS-232 Console, and Menu-driven interfaces**
- **Distributed and scalable solution with 256 virtual COM ports control from one device server**
- **Complies with EIA/TIA-232, EIA/TIA-574, IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX)**
- **Supports 4 wires full duplex asynchronous serial data transmission (RS-422/485)**
- **Supports 2 wires half-duplex asynchronous serial data transmission (RS-485)**
- **The Nebility and Webility with Virtual COM (HP Open View and IBM/Tivoli NetView compatible)**

Model 065-1163FSM

Serial Data Fiber Optic/TP Media Converters

PART NO.	DESCRIPTION
065-1163T	RS-232/422/485 to 100BaseT/Tx RJ45 Converter
065-1163FST	RS-232/422/485 fiber optic Media Converter, ST Multi Mode connector 2,000 meter span
065-1163FSC	RS-232/422/485 fiber optic Media Converter, SC Multi Mode connector 2,000 meter span
065-1163FSM	RS-232/422/485 fiber optic Media Converter, SC Single Mode connector, 20 km span

SPECIFICATIONS

APPLICABLE STANDARDS
EIA RS-232, EIA RS-422. EIA RS-485, FIXED PORTS
One DB-9 serial data port meeting
EIA RS-232, EIA RS-422 and EIA RS-485

STANDARD SPECIFICATION.
Push-button switch on rear panel for DTE/DCE selection (all models)
DIP switch panel on 065-116x series for DTE/DCE selection and timer for multipoint (RS-485) environments.
Maximum distance: 1,000 meters **and**
One fiber optic port supporting either 62.5/125 micron or 50/125 micron Multi Mode fiber optic cable, 2,000 meters maximum distance **or**
one fiber optic port supporting either 9/125 micron or 10/125 micron Single Mode fiber optic cable, spanning 20 kilometers maximum distance

PERFORMANCE
Supports 5 Mbps (maximum) data transfer rate
Bit error rate (BER): < 10-9

LED INDICATORS
Unit: Power
Fiber Port: LNK; RCV

PHYSICAL CHARACTERISTICS
Dimensions (L x W x H): 110 x 81 x 23 mm
Weight: 150 grams

SAFETY
UL Listed

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