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MEDIA CONVERTER SYSTEMS

Signamax Connectivity Systems' Serial Data Fiber Media Converters make it simple to extend distances over multimode or singlemode 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 balanced line specifications. These converters maintain the same form factor as other Signamax media converters, allowing their use in the Model 065-1180 and the Model 065-1185 Signamax Rack Mount Chassis systems. Converters for both multimode and singlemode fiber are available in both RS-232 and RS-422/485 configurations.

Serial Data Fiber Media Converters



Serial Data Fiber Optic Media Converters

PART NO.	DESCRIPTION
065-1162	RS-422/485 fiber optic media converter, ST multimode connector, 2,000 meter span
065-1162SC	RS-422/485 fiber optic media converter, SC multimode connector, 2,000 meter span
065-1162SM	RS-422/485 fiber optic media converter, SC singlemode connector, 20 km span
065-1164	RS-232 fiber optic media converter, ST multimode connector, 2,000 meter span
065-1164SC	RS-232 fiber optic media converter, SC multimode connector, 2,000 meter span
065-1164SM	RS-232 fiber optic media converter, SC singlemode connector, 20 km span

SPECIFICATIONS

APPLICABLE STANDARDS

EIA RS-232 (065-1164 series)
EIA RS-422 (065-1162 series)
EIA RS-485 (065-1162 series)

FIXED PORTS

One DB-9 serial data port meeting EIA RS-232 (065-1164 series), or EIA RS-422 and EIA RS-485 (065-1162 series) standard specification.

Push-button switch on rear panel for DTE/DCE selection (all models)

DIP switch panel on 065-1162 series for DTE/DCE selection and timer for multipoint (RS-485) environments.

Maximum distance: 1,000 meters (065-1162 series) or 15 meters (065-1164 series - RS-232 limitation)

and
One fiber optic port supporting either 62.5/125 micron or 50/125 micron multimode fiber optic cable, 2,000 meters maximum distance

or
One fiber optic port supporting either 9/125 micron or 10/125 micron singlemode 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: Length 110 mm x Width 81 mm x Height 23 mm (4.33 inches x 3.19 inches x 0.91 inches)
Weight: 150 grams (0.33 pounds)

SAFETY

UL Listed