Model 2107
Fiber Cluster® Mini Bit-Driver®

Operation Mode: Synchronous half duplex
Input/Output Interface: DB-9F RS-485 Cluster port operating at 1.8 Mbps
Transmission Line Interface: ST connector is standard for interfacing with fiber optic duplex cable (SMA option)

Optical Power into a 62.5 Micron Core Optical Fiber: 10 microwatts, 12 dB power budget* @ 850 nanometers
Receiver Sensitivity: 50 nanowatts at less than 10^-9 bit error rate, 25 microwatts max.
Operating Temperature: 0 °C to 50 °C
Metal Enclosure: 1.75 x 3 x 0.625 in (4.5 x 7.5 x 1.6 cm)
Weight: 0.25 lb (100 grams)
Input Power: External with power supply (S.I. Tech #2121 - 110VAC to 12 Volt DC)
230V Version: Use S.I.Tech 2122 power supply

Features:
• Custom designed for UNISYS NGEN WORKSTATIONS B28, B38, and B39 SERIES
• Point to point links up to 6 km
• 24 Workstation Cluster using S.I.Tech optical (Fiber Cluster®) coupler Model 9024 with up to 2 km between workstations
• Daisy Chain up to 5 NGEN WORKSTATIONS per cluster (requires two 2107 Bit-Drivers® per Workstation or five optical couplers)
• Cluster line termination included in 2107
• Suitable for secure locations

Specifications subject to change without notice.

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