10/100/1000B-T to 1000BASE-X, MM SC 850NM with NA Pwr Supply

\*\*Lantronix / Transition Networks

\*\*Direct Attach Cables / Active Optical Cables

A simple to install, cost-effective and interoperable solution

Often used for data center short-reach interconnects, Direct Attach, Active Copper and Active Optical Cables are an indispensable part of any network.

Terminated with transceiver-style connectors, they are designed to be used in the same ports as a typical SFP+ or QSFP transceiver, with no need for adapters or converters. Our DAC and AOC cables offer compatibility with a huge range of vendors, enabling the connectivity you need within the Top of Rack and End of Row environments.

• 10G, 25G, 40G & 100G product solutions
• Seamless interoperability with network equipment
• Multi-code options enabling different OEM vendors at each end of the cable
• 4x breakout cables, 40G QSFP+ to 4x 10G SFP and 100G QSFP28 to 4x 25G SFP28
• Fast Delivery, Custom solutions
• Compatible with Over 90 Systems
• Savings of up to 70%

\*\*Media Converters

10/100/1000Base-T (RJ-45) [100 m/328 ft.]

to 1000Base-SX 850nm multimode (SC)

[62.5/125 um: 220 m/722 ft.] [50/125 um: 550

m/1804 ft.] Link Budget 7.5dB

\*\*Description

The SGFEB Series is a stand-alone media converter that provides an interface between 10/100/1000Base-T ports and 1000Base-SX/LX ports, allowing users to integrated fiber optic cabling into 10/100/1000 copper environments. Operating at Layer 2, the data link layer, this converter not only converts copper to fiber, it also provides rate conversion allowing legacy 10/100 copper devices to connect to 1000Base-SX/LX fiber.

\*\*Features

• Auto Negotiation
• Auto-MDI/MDIX
• Link Pass Through
• Far End Fault (FEF)
• Remote Fault Detect
• Provides rate conversion while also increasing transmission distances
• Supports multimode or single mode fiber
• Versions available with fixed SC or LC optics, as well as modular SFP optics
• Long haul transmission distances are supported with a variety of SFP modules
• SFP ports support dual speeds: 100/1000/SGMII
• Multiport versions provide 3 or 4 port switch functionality or provide redundant fiber links
• Supports IEEE 802.3az Energy Efficient Ethernet

Show product on manufacturers website: https://www.lantronix.com/products/

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