

SFP Fiber Converters

The Signamax 10/100/1000 to 1000SX/LX (SFP) Media Converter is specifically designed to offer fiber advantages for mission-critical networks like Telco/ISP backbones, cable operators, banking and enterprise networks.

It can reduce network downtime and increase Quality of Service levels. The converter is completely transparent when installed, so the network performs exactly the way it would do normally—only now, it can incorporate both copper and fiber mediums.

This flexibility in cabling allows network managers to put fiber cables anywhere within a network without changing the arrangement of the copper-based Gigabit segments. Their compact size allows the converters to be wall-mounted to save space. Several converters can be simultaneously installed by using the 065-1185 19" rack-mountable chassis.

The Signamax SFP converter takes advantage of intelligent connection technology to support Auto-negotiation, thereby eliminating the hassle of manually configuring or monitoring settings. This ensures plug-n-play operability.



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PART NO.	DESCRIPTION
065-1192	10/100/1000BaseT/Tx to SFP Fiber Converter, 1x SFP Slot

SPECIFICATIONS

INTERFACE

- One 10/100/1000 Mbps Ethernet port
- Auto MDI/MDI-X support on RJ-45 port
- One SFP slot for Gigabit links
- Extends distances from 220m up to 120km under full-duplex mode
- Supports Link Fault Signaling on both fiber port and copper port

MANAGEMENT

- Alarm LED illuminates to indicate link failure
- Status LEDs for easy monitoring of device's status

STANDARDS

- IEEE 10/100Base-TX, IEEE 802.3ab 1000Base-T
- IEEE 802.3z 1000Base-SX/LX
- FCC Part 15 of Class A & CE approved
- Complies with IEEE 10/100Base-TX, IEEE 802.3ab 1000Base-T and IEEE 802.3z 1000Base-SX/LX

CONNECTOR

- 1 x RJ-45, 1 x Fiber

MECHANICAL & ENVIRONMENTAL

- External power supply, Chassis-compliant (internal power supply)
- FCC Class A & CE approved, RoHS-compliant

MAX. DISTANCE

- UTP: 100 meters (Cat. 5/5e/6)
- Fiber: SFP; up to 120km (single-mode)

UNIT LED

- PWR: Illuminated for normal operation

POWER

- Power Input:** 12V DC @ 0.8A, external power supply adapter
- Frequency:** 47 Hz to 63 Hz

PHYSICAL CHARACTERISTICS

- Operating Temperature:** 0° to 50°C
- Storage Temperature:** -20° to 70°C
- Operating Humidity:** 10-90%, non-condensing
- Storage Humidity:** 5-90%, non-condensing
- Dimensions (D x W x H):** 109.2 x 73.8 x 23.4 mm
- Weight:** 158 g

EMISSIONS

- FCC Part 15 of Class A & CE approved

DIP SWITCHES

- DIP 1 – LFS: Enable/disable Link-Fault Signaling (LFS)