

10BaseT to 10BaseFL Media Converter



Signamax Connectivity Systems' Fiber Optic Media Converters reduce cabling cost by providing flexible, non-switched fiber optic solutions for Ethernet LANs and WAN connectivity. Models are available for direct connection to RJ-45 and either multimode or singlemode fiber optic ports on standard Ethernet devices. Each Media Converter is enclosed in a compact, strong metal case and includes an external power supply for stand-alone applications. They can also be installed without modification in the Signamax 065-1185 Rack Mount Chassis system, featuring redundant power supplies for high reliability in multiple converter installations.

KEY FEATURES

- MDI/MDI-X Push Button Selection for RJ-45 Port Connection
- Supports Half-Duplex Operation
- Status LEDs to Easily Monitor Network Configuration
- Multimode Distances Up to 2000 m (6,600ft)
- Singlemode Distances Up to 15 km
- FCC Class A & CE approved
- Lifetime Warranty

ORDERING INFORMATION

Part Number	Description
065-1140	10BaseT to 10BaseFL MM/ST, 2 km Converter
065-1150	10BaseT to 10BaseFL SM/SC, 15 km Converter

DIN Rail Mounting Bracket

065-11DINMT	DIN Rail Mounts Bracket for 065-11xx Series Media Converters
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SPECIFICATIONS**• APPLICABLE STANDARDS**

Ethernet IEEE 802.3

• FIXED PORT SPECIFICATIONS

Models 065-1140 & 065-1150:

RJ-45 connector, 100 meters maximum distance 10BaseT twisted pair cable interface

Model 065-1140:

ST connector; 2000 meters maximum distance 10BaseFL multimode fiber optic interface

Model 065-1150:

SC connector; 15 kilometers maximum distance 10BaseFL singlemode fiber optic interface

• PERFORMANCE

Delay: less than 23 bit times

• PHYSICAL CHARACTERISTICS

Case dimensions:

4.33"L x 3.19"W x 0.91"H (110mm x 81mm x 23mm)

Fiber connector protrusion varies with model.

Weight: 0.35 pounds (160 grams)

• LED INDICATORS

Per Unit: Power (rear panel)

Per Port: LNK: Illuminated when receiving link pulses from a compliant device; RCV: Illuminated or flashing when data packets are being transmitted / received

Five LEDs total

• ENVIRONMENTAL CHARACTERISTICS

Operating Temperature: 32°F ~ 122°F (0°C ~ 50°C)

Storage Temperature: -4°F ~ 158°F (-25°C ~ 70°C)

Operating Relative Humidity: 10 ~ 80%, non-condensing

Storage Relative Humidity: 5 ~ 90%, non-condensing

• POWER

External power adapter: 12 Volts DC; 0.8 A

• EMISSIONS

FCC part 15 Class A, CE Mark

• SAFETY

UL Listed

• WARRANTY

Lifetime