

## Gigabit Media Converters

Signamax Connectivity Systems' Gigabit Ethernet Media Converters make it simple to extend distances over Multi Mode or Single Mode fiber. They are designed to expand the scope of your Gigabit Ethernet network applications and are 100% compliant with Ethernet IEEE 802.3ab and 802.3z specifications. These converters maintain the same form factor as other Signamax media converters, allowing use in the model 065-1185 16-Bay Signamax Rack Mount Chassis. Twisted pair to fiber optic converters for both Multi Mode and Single Mode fiber, Multi Mode to Single Mode converters, and Single Mode to Single Mode extenders are available.



Model 065-1195

### SPECIFICATIONS

#### APPLICABLE STANDARDS

- IEEE 802.3ab 1000BaseT
- IEEE 802.3z 1000BaseLX
- IEEE 802.3z 1000BaseSX

#### FIXED PORTS

One twisted-pair port meeting IEEE 802.3ab standard specification; Category 5e or better cable, 100 meters maximum distance **and/or**

One fiber optic port meeting IEEE 802.3z standard; 62.5/125 micron Multi Mode fiber optic cable, 220 meters maximum distance or 50/125 micron Multi Mode fiber optic cable, 550 meters maximum distance (model 065-1194 & 065-1195)

**or**

1 fiber optic port meeting IEEE 802.3z 1000BaseLX standard specification; 9/125 micron Single Mode fiber optic cable, spanning 10 kilometers maximum distance (model 065-1194 & 065-1197)

**or**

20 kilometers maximum distance (models 065-1194ED, 065-1197ED & 065-1198XLD)

#### PERFORMANCE

1,488,000 packets per second at 1,000 Mbps

#### LEDs

**Power;** TX; RX; FDX/COL; LNK1; LNK2 (or LNK1; LNK2, model 065-1198XLD)

#### PHYSICAL CHARACTERISTICS

##### Dimensions (L x W x H):

110 x 81 x 23 mm (4.33 x 3.19 x 0.91")

**Weight:** 150 grams

#### SAFETY

UL Listed

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PART NO.	DESCRIPTION
065-1194	1000BaseSX to 1000BaseLX Gigabit Ethernet SC Multi Mode to SC Single Mode Media Converter, 10 km span
065-1194ED	1000BaseSX to 1000BaseLX Gigabit Ethernet SC Multi Mode to SC Single Mode Media Converter, 20 km span
065-1195	1000BaseT to 1000BaseSX Gigabit Ethernet Media Converter, SC Multi Mode
065-1197	1000BaseT to 1000BaseLX Gigabit Ethernet Media Converter, SC Single Mode, 10 km span
065-1197B	1000BaseT to 1000BaseLX Gigabit Ethernet Basic Media Converter, SC Single Mode, 10 km span
065-1197ED	1000BaseT to 1000BaseLX Gigabit Ethernet Media Converter, SC Single Mode, 20 km span
065-1198XLD	1000BaseLX to 1000BaseLX Gigabit Ethernet fibre optic repeater, SC Single Mode, 20 km span each port