

Non-switching Fiber Optic Converters

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 RJ45 and fiber optic ports on either Ethernet or Fast Ethernet devices, and the 065-1160 model allows interconnection between 10BaseT twisted-pair and 10Base2 coaxial Thinnet cable Ethernet networks.

Each Media Converter is enclosed in a compact, strong metal case and includes an external power supply for stand-alone applications. Converters can also be installed without modification in the 065-1185 Rack Mount Chassis system, featuring redundant power supplies for high reliability in multiple converter installations.



SPECIFICATIONS

APPLICABLE STANDARDS

Ethernet IEEE 802.3 and IEEE 802.3u

FIXED PORT SPECIFICATIONS

100BaseTX twisted-pair interface, models 065-1100NS, 065-1110NS & 065-1120NS:

RJ45 connector, 100 meters max. distance

100BaseTX twisted pair cable interface models 065-1140, 065-1150 & 065-1160:

RJ45 connector, 100 meters max. distance

10BaseT twisted pair cable interface

model 065-1100NS:

ST connector; 2,000 meters max. distance

100BaseFX multimode fiber optic interface

model 065-1110NS:

SC connector; 2,000 meters max. distance

100BaseFX multimode fiber optic interface

model 065-1120NS:

SC connector, 20 kilometers max. distance

100BaseFX singlemode fiber interface

model 065-1140: ST connector;

2,000 meters max. distance

10BaseFL multimode fiber optic interface

model 065-1150: SC connector;

20 kilometers max. distance

10BaseFL singlemode fiber optic interface

model 065-1160: BNC connector;

185 meters max. distance

10Base2 coaxial cable interface

PERFORMANCE

Delay: less than 23 bit times

PHYSICAL CHARACTERISTICS

Case dimensions (L x W x H):

4.33" x 3.19" x 0.91"

(110 mm x 81 mm x 23 mm)

Fiber connector interface varies with model.

Weight: 0.33 pounds (150 grams)

SAFETY

UL Listed

Non-switching Fiber Optic Media Converters

PART NO.	DESCRIPTION
065-1100NS	100BaseTX to 100BaseFX ST Multimode
065-1110NS	100BaseTX to 100BaseFX SC Multimode
065-1120NS	100BaseTX to 100BaseFX SC Singlemode (20 km span)
065-1140	10BaseT to 10BaseFL ST Multimode
065-1150	10BaseT to 10BaseFL SC Singlemode (20 km span)
065-1160	10BaseT to 10Base2 – BNC Connector
065-11DINMT	DIN rail mounting bracket for 065-11xx series media converters