

Media Converter Systems

Switching Converters with Link Fault Signaling



PART NO.	DESCRIPTION	FIBER TYPE
065-1100	10/100BaseT/TX to 100BaseFX Converter	ST Multimode
065-1110	10/100BaseT/TX to 100BaseFX Converter	SC Multimode
065-1170	10/100BaseT/TX to 100BaseFX Converter	VF-45 Multimode
065-1172	10/100BaseT/TX to 100BaseFX Converter	MT-RJ Multimode
065-1174	10/100BaseT/TX to 100BaseFX Converter	LC Multimode
065-1120	10/100BaseT/TX to 100BaseFX Converter	SC Singlemode (15km span)
065-1120ED	10/100BaseT/TX to 100BaseFX Converter	SC Singlemode (40km span)
065-1120XLD	10/100BaseT/TX to 100BaseFX Converter	SC Singlemode (75km span)
065-11DINMT	DIN rail mounting bracket for 065-11xx series media converters	

SPECIFICATIONS

APPLICABLE STANDARDS

IEEE 802.3 10BaseT
 IEEE 802.3u 100BaseTX
 IEEE 802.3u 100BaseFX

FIXED PORTS

1 Auto-MDIX twisted-pair port meeting IEEE 802.3 10BaseT & IEEE 802.3u 100BaseTX standard specifications; Category 5 or better cable, 100 meters maximum distance for 100BaseTX, Category 3 or better cable, 100 meters maximum distance for 10BaseT

plus

1 fiber optic port meeting IEEE 802.3u 100BaseFX standard specification; 62.5/125 or 50/125 micron multimode fiber optic cable, 2,000 meters maximum distance

or

1 fiber optic port meeting IEEE 802.3u 100BaseFx standard specification; 9/125 micron singlemode fiber optic cable, spanning: 15 kilometers maximum distance (Model 065-1120)

or

40 kilometers maximum distance (Model 065-1120ED)

or

75 kilometers maximum distance (Model 065-1120XLD)

PERFORMANCE

Latency: < 4.2 μ s (LIFO)
 Throughput @ 100Base: 148,809 pps (64-byte packets)

LED INDICATORS

Per Unit - Power status, RJ-45 port speed
 Per Port - LNK/ACT, FDX/COL
 Six LEDs total

PHYSICAL CHARACTERISTICS

Case dimensions: 4.33"L x 3.19"W x 0.9"H (110mm x 81mm x 23mm)
 Fiber connector protrusion varies with model.
 Weight: 0.33 pounds (150 grams)
 USB power connector on the rear panel optionally powers converter from computer's USB port.

SAFETY UL Listed

Signamax Media Converter Systems



Model 065-1100



Model 065-1110
(rear panel view)



Model 065-1110



Model 065-1174

16-Bay Media Converter Rack Mount Chassis



PART NO.	DESCRIPTION	FIBER TYPE
065-1185	16-Bay Rack Mount Media Converter Chassis System, includes 2 Redundant AC Power Supplies & 4 Fan Cooling Assemblies	
065-1185DC	16-Bay Rack Mount Media Converter Chassis System, includes 2 Redundant -48 VDC Power Supplies & 4 Fan Cooling Assemblies	
FO-AC-1185	Spare Redundant AC Power Supply for 16-Bay Chassis	
FO-DC-1185	Spare Redundant -48 VDC Power Supply for 16-Bay Chassis	
FO-1185FAN	Spare Individual Fan Assembly for 16-Bay Chassis	

SPECIFICATIONS

CAPACITY

Sixteen bays, for up to sixteen 065-11xx series media converters

LED STATUS INDICATORS

Power 1/Power 2: Power supply on-line

SAFETY

UL 1950 listed
Cooling Fans: UL/cUL/TUV Listed/Approved

WARRANTY

Lifetime, including power supplies

PHYSICAL CHARACTERISTICS

Dimensions: 17.3" x 10.9" x 3.5"
(440mm x 276mm x 90mm)

2 standard rack units

Weight: Approximately 18.7 pound (8.5 kilograms), fully loaded

POWER SUPPLIES

Load-sharing and hot-swappable; 2 supplied as standard equipment. AC and -48 volt DC units available. Power status LED on each power supply, as well as remote status LEDs on front panel.