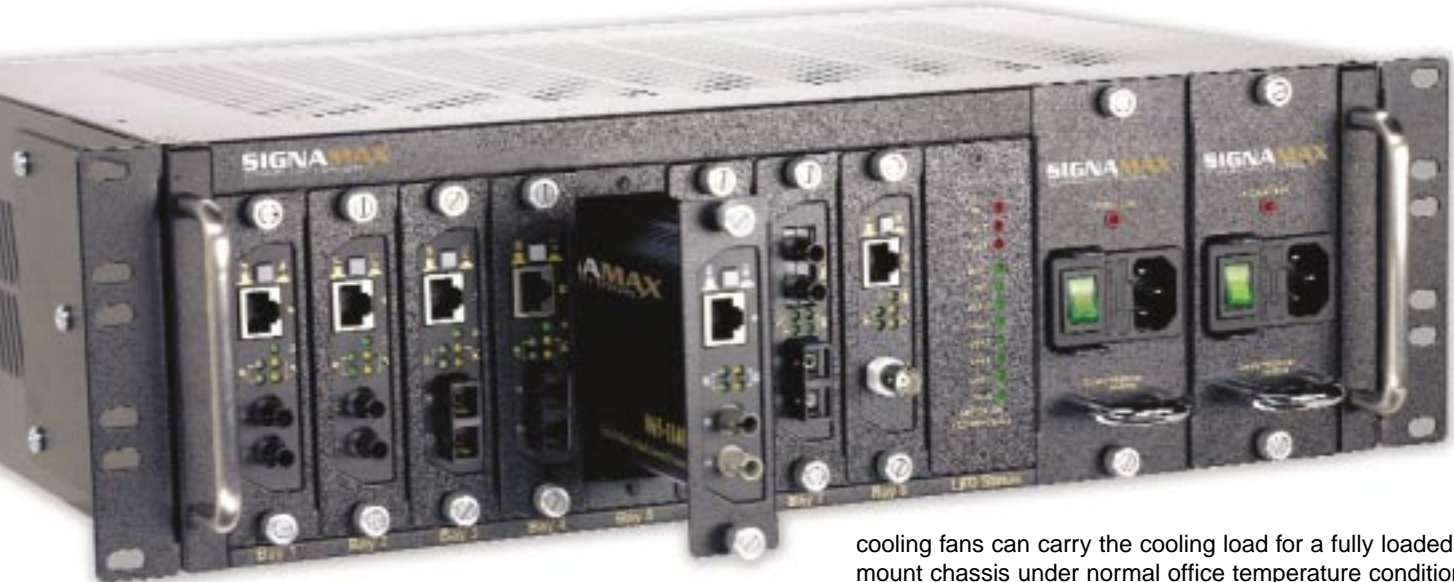


## 8-Bay Media Converter Chassis

**Signamax Connectivity Systems' Model 065-1180 Rack Mount Chassis is a carrier or enterprise-level grade rack mounting system designed to accommodate the line of Signamax Ethernet Media Converters.**

condensation from collecting on the converters' components from temperature and humidity changes.

Proper cooling is especially important in environments like MDF and IDF closets, where environmental controls such as air conditioning are typically not provided. Any one of the three



Multi-functional chassis allows the same Media Converter to be used as either a standalone or as a rack mountable component. Other systems employ different components for the same purpose, doubling the number of spares kept on hand.

The system ships standard with two fully redundant, load-sharing power supplies to ensure continued availability of the media converters in the event of a power supply failure.

Either power supply is hot swappable and can be taken off-line and removed from the unit while the Media Converters are operating. As long as one power supply remains active, the intelligence in the power backplane maintains a constant voltage to the media converters' power bays.

Also ships standard with three fully redundant, load-sharing cooling fans. Fan cooling for the all the Media Converters and power supplies ensures the components operate within their specified operating temperature range, and also avoids

cooling fans can carry the cooling load for a fully loaded rack mount chassis under normal office temperature conditions. Each fan includes an individual status lamp on the front panel to monitor the cooling capability. In the event of a fan failure, the fan assembly can be removed and replaced.

The mounting system's strong steel bay carriers firmly secure each Media Converter, eliminating the possibility of applying excessive physical load against the power backplane in normal handling. The bay carriers also provide a positive metal-to-metal stop when the converter is correctly loaded, without depending on the connector's case or the backplane to absorb the shock of normal impact. The rugged design allows the carrier bay system to precisely align the converter to the power connector, further increasing reliability and the ability to withstand rough treatment in the field.

The Signamax model 065-1180 Rack Mount Chassis is a system worthy of any TELCO or Interexchange Carrier installation. It is easy to maintain, easy to service, and absorbs substantial abuse without failure.

**KEY FEATURES**

- *Dual Redundant Load-Sharing Power Supplies*
- *Triple Redundant Fan Cooling System*
- *Rugged Aluminum & Steel Construction*
- *Simple & Quick Field Maintenance*
- *Individually Fused Converter Mounting Bays*
- *Intelligent Power Backplane*
- *Toll-Free Technical Support*
- *Lifetime Performance Warranty*

For more information or technical support call us toll-free at 800 446-2377 or visit our Web Site at [www.signamax.com](http://www.signamax.com).

# Media Converter Rack Mount Chassis

## ORDERING INFORMATION

### 8-Bay Rack Mount Media Converter Chassis

PART NUMBER	DESCRIPTION
098-1180	Rack Mount Media Converter Chassis System, includes 2 Redundant Power Supplies & 3 Fan Cooling Assemblies
FO-AC-1180	Spare Redundant Power Supply For 8-Bay Chassis
FO-1180FAN	Spare Individual Fan Assembly For 8-Bay Chassis

## SPECIFICATIONS

### CAPACITY

Eight bays for up to eight 065-11xx Media Converters

### CONSTRUCTION MATERIALS

Aluminum and steel

### COOLING

Three 42.5 cfm rear-mounted fans

### LED STATUS INDICATORS

**Power:** Power supply on-line

**Fan1/Fan2/Fan3:** LED indicates that the fan is on-line

**Bay 1 through Bay 8:** LED indicates bay is occupied and associated Media Converter is receiving power

### DIMENSIONS

430 mm Wide x 290 mm Deep x 133 mm High

(17.0 inches x 11.5 inches x 5.1 inches)

3 standard rack units

### WEIGHT

Approximately 5.2 kilograms (11.5 pounds), fully loaded

### POWER SUPPLIES - LOAD-SHARING AND HOT-SWAPPABLE

Each; 2 supplied as standard equipment

**Input:** 90-240 Volts AC, 47-63 Hz.

**Output:** Normal +12 Volts DC (Min.+11.88 Volts, Max. +12.12 Volts, 6.5 Amps

**Total Regulation:** +/- 1.0%, Rip. 120 mV, Load 1.0%, Line 0.5%

**Overload Protection:** All outputs protected against short circuit conditions; automatic recovery

**Over-Voltage Protection:** Output level exceeding 13.2 Volts causes shutdown - automatic recovery

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

**Storage:** -55° -- 85° C (-67° -- 185° F)

**EMI:** FCC Part 15 Class B (for Power Supplies)

**Safety:** UL 1950 Listed, CSA 234, 22.2, TUV EN60950

### COOLING FANS - LOAD-SHARING AND HOT-SWAPPABLE

Each; 3 supplied as standard equipment:

**Speed:** 2510 rpm (+/- 250 rpm)

**Delivery:** 42.5 cubic feet per minute

**Noise level:** 36.5dB (A weighted)

**Temperature:** Operating: -10° -- 70° C (14° -- 158° F)

**Storage:** -40° -- 70° C (-40° -- 158° F)

**Bearings:** Precise ball bearings

**Safety:** UL/CUL/TUV Listed/Approved.

### INCLUDES

User Manual, Two AC Power Cords, Rack Mount Hardware,

Spare Case Screws for Media Converters

International Models Available

