

EMC1600 Series

16-Bay Media Converter and Ethernet Extender Chassis



Overview

The EMC1600 is a 16-Bay chassis specifically designed to house and power selected EtherWAN Media Converters and Ethernet Extenders in a 19" rack enclosure.

The hot swappable design enables easy installation, product additions, and deletions of EtherWAN Media Converters and Ethernet Extenders without interrupting existing communications within the chassis. Each bay is electrically isolated from each other with fused over-current protection resulting in unprecedented reliability. The redundant internal power supplies provide both power redundancy and load sharing. Support for both AC & DC power input options allows the EMC1600 to be used worldwide. With its solid metal enclosure, standard 19" rack-mount and two-unit height design, the EMC1600 is ideal for interconnecting disparate network media and extending Ethernet beyond its boundaries.

EtherWAN — "When Connectivity is Crucial."

Spotlight

• Hot-Swappable

- The chassis system is capable of hot-swap installations of selected EtherWAN's media converter and Ethernet extender Model

• 16-Bay Rackmount Chassis

- Powers up 16 media converters with redundant power supply modules

• Supports EtherWAN's Ethernet Extenders and Media Converters

- Supported media converter models include EL2321, EL2211, EL2315, EM1100/EM2100, EM1000/EM2000, EM1000S/EM2000S, EM1020, EM120, EL100/EL200 and EL110/EL210 series
- Supported Ethernet extender models include ED3101 and ED3331 Series, but the operating temperature is limited from 0°C to 45°C

Hardware Specifications

Power

Input

- 100 - 240VAC, 50 - 60Hz Internal Universal PSU
- ± 48VDC

Power Consumption

- System: 5.4W Max

Protection

- Over current protection

Mechanical

Casing

- Metal case

Dimensions

- 440mm (W) x 276mm (D) x 90mm (H)
(17.32" (W) x 10.87" (D) x 3.54" (H))
- Standard 19" rack-mount size, two-unit-height

Weight

- 6.8Kg (14.96lbs.)

Installation

- Rack mounting

Interface

LED Indicators

- Per Unit: Power Status (Power)

Relay Output

- 30VDC/0.6A

Environment

Operating Temperature

- 0°C to 45°C (32°F to 113°F)

Storage Temperature

- -10°C to 70°C (14°F to 158°F)

Ambient Relative Humidity

- 5% to 95% (non-condensing)

Regulatory Approvals

ISO

- Manufactured in an ISO 9001 facility

Safety

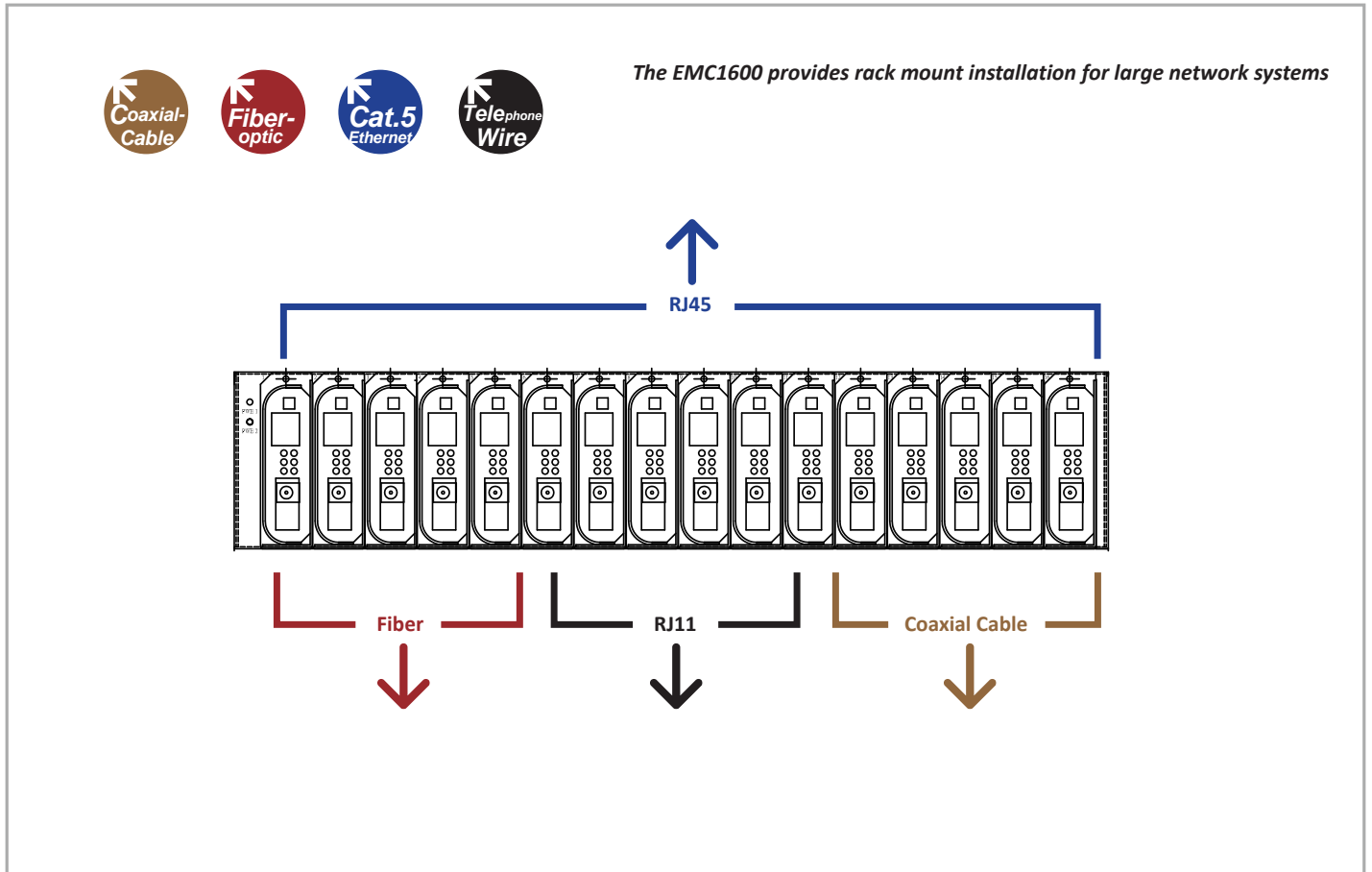
UL 60950-1

Emission Compliances

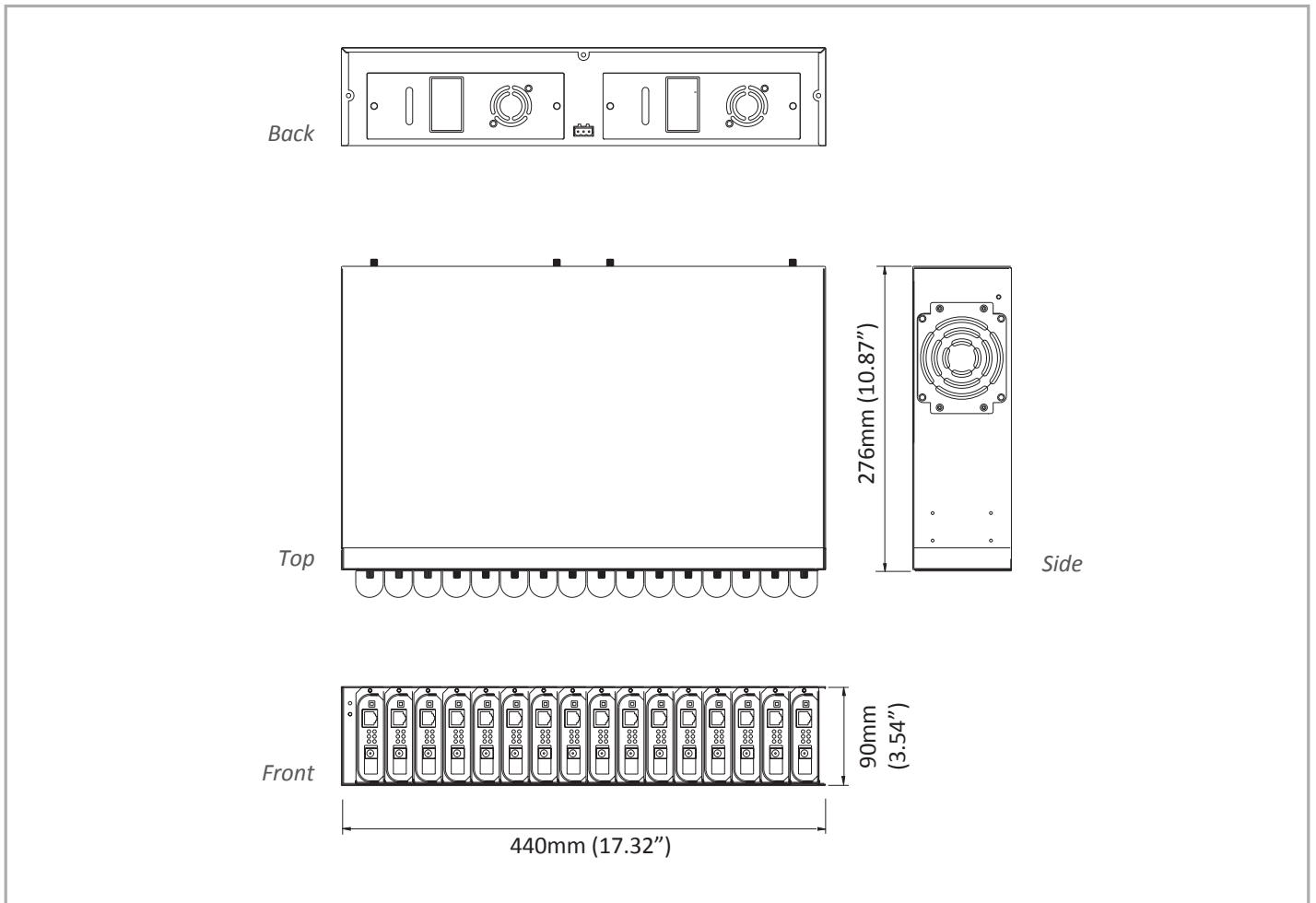
CE Mark Class A

FCC Part 15B Class A

Application Diagram



Dimensions



Ordering Information

Model

EMC1600	16-Bay Media Converter and Ethernet Extender Chassis, including 2 AC Power Supplies (EMC1600-RPSA)
EMC1600-RPSA	Redundant AC Power Supply (84W) for EMC1600
EMC1600-RPSA2	Redundant AC Power Supply (108W) for EMC1600
EMC1600-RPSD	Redundant DC 48V Power Supply (65W) for EMC1600