Datasheet

FMX-FP-16 | Modular Fiber Optic Transmitter Power Box 16 Slots



Key features

- Supports up to 16 FMX-HDMI-T transmitters in a single 16-slot modular enclosure.
- Optimized for professional AV rack setups with a space-saving 4U rack-mountable design.
- Cards and fans can be replaced or upgraded without shutting down the system.
- Ensures uninterrupted operation with a redundant power supply for mission-critical deployments.
- Accepts 100–240V AC input and delivers 24V, 5A per output.
- Operates efficiently from 0–50°C and stores safely between –20–85°C.
- Built with high-quality components designed for reliable performance in 35–85% humidity conditions.

Product Overview

The FMX-FP-16 Modular Fiber Optic Transmitter Power Box is a high-performance 4U rack-mountable enclosure designed to streamline large-scale AV and signal distribution systems. Engineered for professional AV integrators, this power box supports up to 16 single-slot FMX-HDMI-T transmitters, providing a centralized, space-efficient, and scalable solution for fiber optic HDMI transmission. Its modular and hot-swappable architecture ensures minimal downtime, easy maintenance, and future-proof scalability.

With a redundant power supply and robust thermal management, the FMX-FP-16 guarantees uninterrupted operation in demanding environments. Ideal for control rooms, broadcast centers, and large-scale AV installations, this enclosure combines flexibility, reliability, and efficiency in a compact 4U footprint.

Technical Specification

Feature	Details
Form Factor	4U Rack-Mountable
Modular Slot	16 Single-Slots FMX-HDMI-T Transmitters
Power Input	100–240V AC
Power Output	24V DC, 5A per output
Redundant Power Supply	Yes
Hot-Swappable	Input cards and fans
Operating Temperature	0–50°C (32–122°F)
Storage Temperature	–20–85°C (–4–185°F)
Humidity	35%–85% RH
Design	Modular, field-upgradeable, hot-swappable
Total Card Capacity	16 Modular Transmitter Cards
Certifications	CE, RoHS compliance

©2024 Macsys

Macsys reserve rights to introduce modifications without notice. Product images are for illustrative purposes only, the actual product may vary. Warranty policy applies as described on our website.