

Power tray for 8 DisplayPort 2.1 optical extenders

Ref. PR-AV-8



Powered 2RU rack mount case for 8 DisplayPort 2.1 optical extenders



Overview

The **PR-AV-8** power tray is a 2RU size enclosure accessory that can hold up to 8 DisplayPort 2.1 optical transmitters and/or receivers. The optical extenders mounted on the PR-AV-8 power tray are reliably powered by two integrated redundant AC/DC power supplies.

Key features

- ▶ Up to 8 DisplayPort 2.1 optical extenders in the tray
- ▶ Supports mixed installation of transmitter and receivers
- ▶ Extenders' status LEDs on the front panel for easy troubleshooting
- ▶ Power supply 1 and 2 status LED available on the front panel
- ▶ Inner optical cables and power cables provided
- ▶ Dual AC/DC power supply (load-sharing and redundant back-up)
- ▶ Independent powering of each optical extender
- ▶ Ruggedized design
- ▶ TAA compliant

Dimension (in Rack Units - RU)

- ▶ 2RU

Dimensions (without rack ears and rear rack mount)

- ▶ L 19.00" × W 3.46" × H 8.90"
- ▶ L 482.6 mm × W 88.0 mm × H 226.0 mm

Weight without accessories

- ▶ 3.5 kg / 7.72 lbs

Shipping weight accessories included

- ▶ 4.5 kg / 9.92 lbs

Operating conditions

- ▶ Temperature: 0 to 50°C (32 to 122°F)
- ▶ Humidity: 10% to 80%, non-condensing

Warranty

- ▶ 1-year warranty on parts and labor back to factory
- ▶ Broken connectors are not covered by warranty

Supplied with

- ▶ 2 x Power supply cords
- ▶ 8 x Optic fiber cables: OM4 1Ch SC 220mm
- ▶ 8 x Power connection cables for EXT-DP21-OPT
- ▶ 8 x Side holder guide brackets
- ▶ 8 x Flat head screws (3x5)
- ▶ 8 x Washer nickel screws (3x6)
- ▶ 16 x Round head screws (2x10)
- ▶ 1 x Quick start guide including safety instructions

Dual redundant AC/DC power supply

- ▶ 2 x SMPS (RPS-60-5, 11A)
- ▶ Redundant power operation

Input (for each power supply)

- ▶ Voltage range: 90–264VAC / 127–370VDC
- ▶ Frequency range: 47~63Hz

Output (for each power supply)

- ▶ DC voltage: 5V
- ▶ Rated current: 10A
- ▶ Current range: 0~11A
- ▶ Rated power: 50W

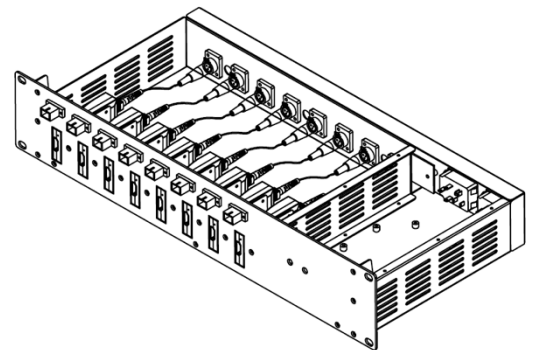
Max power consumption (with 8 extenders)

- ▶ TX: 12.4W (1.55W × 8)
- ▶ RX: 8.24W (1.03W × 8)

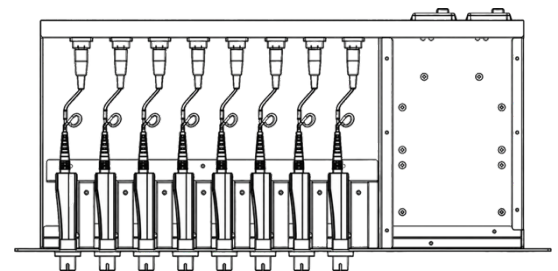
Safety Compliance & Conformity

- ▶ CE-EMC
- ▶ FCC Part 15 Subpart B (Class B)
- ▶ EN IEC 62368-1 / CB Scheme
- ▶ IEC/BS/EN 60601-1 (SMPS)
- ▶ RoHS: EU 2015/863 & 2011/65
- ▶ REACH compliant
- ▶ EU POPs compliant

3D view



Top view



Specifications subject to change without prior notice

8-channel DisplayPort 2.1 fiber extension (diagram)

