



Product: [RV6PPF1U48BK](#)

REVConnect Patch Panel, Cat 6+, Flat, 1U, 48P



Product Description

REVConnect Category 6+ Patch Panel, Preloaded, Flat, 48 Port, 1U, Black

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | REVConnect 2400 & 3600 Systems, Ethernet 1000BASE-T, Ethernet 100BASE-TX, Ethernet 10BASE-T, PoE++, PoE+, PoE |
|------------------------|---|

Physical Characteristics (Overall)

| | |
|-------------------|---|
| Height: | 1.73 |
| Width: | 19 |
| Depth: | 2 |
| Port Count: | 48 Port |
| Front Connection: | Flush |
| Packaging: | Individually packaged in a cardboard box. |
| Weight: | 3.047 |

Connectors

Materials

| Description | Material | Color |
|----------------|---------------|-------------|
| Panel | Steel | Black |
| Frame | PC/ABS | Black |
| Management Bar | Steel | Black |
| Clear Window | Polycarbonate | Transparent |

Construction and Dimensions

| | |
|---------------|---------------------------|
| Max Capacity: | 48 Connectors (Preloaded) |
|---------------|---------------------------|

Electrical Characteristics

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|-------------------------|----------------------------------|
| Dielectric Strength: | 1,000 V RMS @ 60 Hz for 1 minute |
| Current Rating: | 1.300 A |
| Insulation Resistance: | 500 M-Ohm Minimum |
| Termination Resistance: | 2.5 mOhm |

Temperature Range

| | |
|---------------------------------|----------------|
| Installation Temperature Range: | -10°C to +60°C |
| Storage Temperature Range: | -40°C to +70°C |
| Operating Temperature Range: | -10°C to +60°C |

Mechanical Characteristics

| | |
|---------------------------|---------------------------------------|
| Footprint/Type: | REVConnect |
| Tool Compatibility: | REVConnect Termination Tool (RVUTT01) |
| Plug /Jack Compatibility: | RJ45 |

| | |
|--|------------------|
| Termination Front Connection: | Mated Connection |
| Termination Front Connection Durability: | 750 Cycles |
| Termination Rear Connection: | Mated Connection |
| Termination Rear Connection Durability: | 20 Cycles |
| Cable/Connector Retention: | 15 lbs |
| Connector/Hardware Retention: | 20 lbs |
| Plug/Connector Retention: | 11.250 lbs |

Standards

| | |
|---------------------|---|
| UL Rating: | UL94V-0 |
| Data Category: | Category 6 |
| TIA/EIA Compliance: | Category 6 - TIA 568-C.2, ISO/IEC 11801-1, TIA TSB-5021 |
| IEEE Compliance: | Power Over Ethernet (PoE) IEEE 802.3at type 1 and 2 (up to 30W), IEEE 802.3bt/D1.7 type 3 and 4 (up to 100W), CISCO UPOE (up to 60W), Power over HDBaseTTM (up to 100W) |

Applicable Environmental and Other Programs

| | |
|-----------------------------------|--------|
| Environmental Space: | Indoor |
| EU Directive 2011/65/EU (RoHS 2): | Yes |
| MII Order #39 (China RoHS): | EUP 50 |

Flammability, LS0H, Toxicity Testing

| | |
|-----------------|----------------|
| Safety Listing: | c(UL)us Listed |
|-----------------|----------------|

Related Part Numbers

| | |
|----------------|--|
| Related Parts: | REVConnect Termination Tool, Cat 6 Modular Cords |
|----------------|--|

Variants

| Item # | Color | Put-Up Type |
|--------------|-------|-------------|
| RV6PPF1U48BK | Black | 1U |

Product Notes

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|-----------------|--|
| Included Parts: | 48 Cat 6 REVConnect High Density Jacks, Black, Preloaded; 50 REVConnect Cable Managers and Caps; 4 Clear Windows; 1 Rear Cable Management Bar; 4 Screws (10x32); 4 Screws (12x24); 2 Velcro Straps; 4 Frames; 1 Installation Guide |
| Notes: | For proper installation, refer to Installation Guide PX107031. |

History

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| Update and Revision: | Revision Number: 0.28 Revision Date: 05-31-2024 |
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