# Product: CAT6+ REVConnect Panel 48P

CAT6+ REVConnect Patch Panel, 48 Port

## Product Description

CAT6+ REVConnect Patch Panel, Flat, 48-Port, 2U (Preloaded)

## Technical Specifications

### Product Overview

| | |
|---|---|
| Suitable Applications: | 2400, 3600, 4800 Systems, TIA Category 6, ISO Class E, 1GBASE-T |

### Physical Characteristics (Overall)

| | |
|---|---|
| Height: | 3.47 in |
| Width: | 19.000 in |
| Depth: | 2.000 in |
| Port Count: | 48 Port |
| Front Connection: | Flush |
| Packaging: | Individually packaged in a cardboard box. |
| Weight: | 3.083 lbs |

### Connectors

**Materials**

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

### Construction and Dimensions

| | |
|---|---|
| Max Capacity: | 48 connectors (preloaded) |

### Electrical Characteristics

| | |
|---|---|
| Dielectric Strength: | 1,000 V RMS @ 60 Hz for 1 minute (Signals to Ground) |
| 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 |

| | |
|---|---|
| Cable/Connector Retention: | 15 lbs |
| Connector/Hardware Retention: | 20 lbs |
| Plug/Connector Retention: | 11.250 lbs |

## Standards

| | |
|---|---|
| UL Rating: | UL94V-0 |
| ISO/IEC Compliance: | IEC 60603-7 |
| Data Category: | Category 6 |
| TIA/EIA Compliance: | Category 6 - TIA 568.2-D, 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: | CAT6+ REVConnect Modular Jacks, CAT6+ Modular Cords |

**Variants**

| Item # | Color | UPC |
|---|---|---|
| RV6PPF2U48BK | Black | 611589224994 |

## Product Notes

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|---|---|
| Included Parts: | 48 Cat6+ REVConnect Jacks Black preloaded; 50 REVConnnect Cores; 4 Screws (10x32); 4 Screws (12x24); 2 Velcro Straps; 8 Clear Windows; 2 Rear Cable Management Bar; 1 Installation Guide |
| Notes: | For proper installation refer to Installation Guide PX106520 included with the product |

## History

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|---|---|
| Update and Revision: | Revision Number: 0.159 Revision Date: 06-02-2023 |

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