BELDEN

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

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

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

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