Product: RV6PPF1U24BK-P

RV6PPF1U24BK-P FACEPLATES AND PANELS - CAT6+ REVCONNECT PATCH PANEL, FLAT 1U24-PORT PRINTED

Product Description

CAT6+ REVCONNECT PATCH PANEL, FLAT, 24-PORT, 1U, BLACK (PRELOADED - PRINTED)

Technical Specifications

Product Overview

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

Physical Characteristics (Overall)

Height:	1.730 in
Width:	19.000 in
Depth:	2.000 in
Port Count:	24 Port
Front Connection:	Flush
Packaging:	Individually packaged in a cardboard box.
Weight:	1.840 lbs

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:	24 connectors (patch panel is pre-loaded)

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
Max Contact Resistance:	20 mOhm
Termination Resistance:	2.5 m-Ohm

Mated Connection

Frequency (MHz)	Max. Insertion Loss TIA* (dB)	Max. Insertion Loss Belden** (dB)	Min. NEXT TIA* (dB)	Min. FEXT TIA* (dB)	Min. FEXT Belden** (dB)	Min. Return Loss TIA* (dB)	Min. Return Loss Belden** (dB)	Min. Balanced TCL TIA* (dB)	Min. Balanced TCL Belden** (dB)
1	0.1 dB	0.1 dB	75 dB	75 dB	77 dB	30 dB	34.1 dB	40 dB	42 dB
4	0.1 dB	0.1 dB	75 dB	71.1 dB	75.1 dB	30 dB	34.1 dB	40 dB	42 dB
8	0.1 dB	0.1 dB	75 dB	65 dB	69 dB	30 dB	34.1 dB	40 dB	42 dB
10	0.1 dB	0.1 dB	74 dB	63.1 dB	67.1 dB	30 dB	34.1 dB	40 dB	42 dB
16	0.1 dB	0.1 dB	69.9 dB	59 dB	63 dB	30 dB	34.1 dB	40 dB	42 dB
20	0.1 dB	0.1 dB	68 dB	57.1 dB	61.1 dB	30 dB	34.1 dB	40 dB	42 dB

25	0.1 dB	0.1 dB	66 dB	55.1 dB	59.1 dB	30 dB	34.1 dB	40 dB	42 dB
31.25	0.11 dB	0.1 dB	64.1 dB	53.2 dB	57.2 dB	30 dB	34.1 dB	38.1 dB	42 dB
62.5	0.16 dB	0.12 dB	58.1 dB	47.2 dB	51.2 dB	30 dB	34.1 dB	32.1 dB	36.1 dB
100	0.2 dB	0.16 dB	54 dB	43.1 dB	47.1 dB	28 dB	30 dB	28 dB	32 dB
200	0.28 dB	0.24 dB	48 dB	37.1 dB	41.1 dB	22 dB	24 dB	22 dB	26 dB
250	0.32 dB	0.28 dB	46 dB	35.1 dB	39.1 dB	20 dB	22 dB	20 dB	24 dB
300		0.31 dB			37.6 dB	18.5 dB	20.5 dB		22.5 dB

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:	KeyConnect
Tool Compatibility:	REVConnect Termination Tool (RVUTT01)
Plug /Jack Compatibility:	RJ45
Termination Front Connection:	Yes
Termination Rear Connection:	Yes
Cable/Connector Retention:	15 lbs
Connector/Hardware Retention:	20 lbs
Plug/Connector Retention:	11.250 lbs

Termination Interface

Connection	Durabilities
Mated Connection	750 cycles
Mated Connection	200 cycles

Standards

UL Rating:	UL94V-0
Data Category:	Category 6
TIA/EIA Compliance:	Category 6A - ISO/IEC 11801:2002 Ed.2, TIA 568.2-D
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 2002/96/EC (WEEE):	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 Jacks, CAT6+ Modular Cords

Product Notes

Included Parts:	24 Cat6+ REVConnect Jacks Black preloaded, 4 Screws (10x32), 4 Screws (12x24), 2 Velcro Straps, 4 Clear Windows, 1 Rear Cable Management Bar, 1 Installation Guide
Notes:	"For proper installation refer to Installation Guide PX106520 included with the product or visit our website at http://www.belden.com Cable Range Min: 24 AWG, Max: Cable 22 AWG Solid and Stranded Insulation Dia. Min: 0.035 in (0.89 mm), Max: 0.053 in (1.34 mm) Outer Jacket Dia Max: 0.366 in (9.3 mm)"

History

Update and Revision:	Revision Number: 0.62 Revision Date: 11-19-2024

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