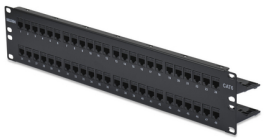
Product: CAT6 DataConnect Panel 48P



CAT6 DataConnect Patch Panel, UTP, 48 Port

Product Description

CAT6 DataConnect Patch Panel, UTP, Flat, 48-Port, 2U (Preloaded)

Technical Specifications

Product Overview

Suitable Applications:	Ethernet 10/ 100/ 1000BASE-T, 2.5G/ 5GBASE-T

Physical Characteristics (Overall)

Height:	2.96 in
Width:	19.000 in
Depth:	2.960 in
Port Count:	48 Port
Front Connection:	Flush
Packaging:	Individually packaged in a cardboard box.
Weight:	3.400 lbs

Connectors

Materials

Description	Material	Color
Panel	Steel	Black
Management Bar	Steel/Plastic	Black

Construction and Dimensions

Max Capacity:	48 connectors (preloaded)

Electrical Characteristics

Dielectric Strength:	1,000 V RMS @ 60 Hz for 1 minute
Current Rating:	1.500 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:	DataConnect
Tool Compatibility:	Belden 110 Connecting Tool (AX100749), MediaFlex Termination Station (AX101852), Belden Rapid TerminationTool (AX105566)
Plug /Jack Compatibility:	RJ45
Cable/Connector Retention:	11.25 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:	ANSI/TIA 1096-A (formerly FCC Part 68-F)
IEEE Compliance:	IEEE 802.3at type 1 and 2 (PoE) up to 30W, IEEE 802.3bt type 3 and 4 (PoE) up to 100W, CISCO (UPOE) up to 60W, Power over HDBaseTTM (POH) up to 100W
Other Standards:	ANSI/TIA 1096-A (formerly FCC Part 68-F)

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, UL 1863, UL File E77103

Related Part Numbers

Related Parts:	DataConnect CAT5 Modular Jacks, DataConnect CAT5 Modular cord

Variants

Item #	Color	Put-Up Type	UPC
DC6PPF2U48BK	Black	2U	611589249232

Product Notes

Included Parts:	8 Screws (12x24); 2 Printable Label Half-Sheets; 4 Velcro Straps; 2 Rear Cable Support Bars, 1 Installation Guide, 48 Protective Caps
Notes:	For proper installation refer to Installation Guide PX106898 included with the product

History

Update and Revision:	Revision Number: 0.37 Revision Date: 06-01-2023

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