DH-PFM3973M-6U-48

48-port CAT6 UTP Patch Panel



- 2U unshielded 48-port patch panel.
- Standard 19-inch cabinet mounting.
- Electrical performance meets ANSI/TIA-568.2-D Category 6.
- High performance, supports 250 MHz transmission frequency.
- Universal design and label supports both TIA 568 A & B wiring.
- Compatible with 22-24 AWG stranded wires.
- Simple termination using 110 or Krone punch-down tools.

Series Overview

The Patch Panel is designed to work with copper cables, creating a cost-effective horizontal channel for your wiring needs. It is ideal for facilitating horizontal connections between devices, allowing for easy pairing and port connections.

Technical Specification

Category

Category	Cat6 patch panel
Shielding Type	Unshielded

Material Specifications

Panel Material	Cold-Rolled Steel+ABS (UL94V-0)
Pin	Phosphor bronze gold over nickel plating, golden plated 50u"
PCB	FR-4(UL94V-0)
IDC Housing	PC
Jack	PBT
IDC Conductor	Phosphor bronze C5191 over nickel plating

General Specifications

Color	Black
Rack Unit	2U
Number Of Ports	48
Wiring	TIA 568A/TIA 568B
Compatible With Conductor Gauge	22 AWG–24 AWG
Plug Insertion Life	≥750 cycles
Durability	≥200 termination cycles
Punching	110 & Krone Tool
Plug Insertion Force	≤20N
Plug Retention Force	≥20N
Flammability Rating	UL94V-0
Product Dimensions	482.60 mm × 89.35 mm × 88.40 mm (19.00" × 3.52" × 3.48") (L × W × H)
Packaging Dimensions	515.00 mm × 95.00 mm × 90.00 mm (20.28" × 3.74" × 3.54") (L × W × H)
Packaging Method	1 pcs in 1 carton, and 20 cartons in 1 package
Operating Temperature	–20 °C to +75 °C (–4 °F to +167 °F)
Operating Humidity	10%–90% (RH)
Storage Temperature	–20 °C to +75 °C (–4 °F to +167 °F)
Storage Humidity	10%–90% (RH)
Net Weight	1.52 kg (3.35 lb)
Gross Weight	1.71 kg (3.77 lb)

Electrical Specifications

Contact Resistance	≤20 mΩ
Current Rating	1.5 Amps @20 °C
DC Resistance	0.1 Ω
DC/AC Volt Endurance	1000 VAC, 750 VDC, 1 min
Insulation Resistance	500 MΩ, 100 VDC, 1 min

Accessory

Nut quantity	4
Screw quantity	4

standard

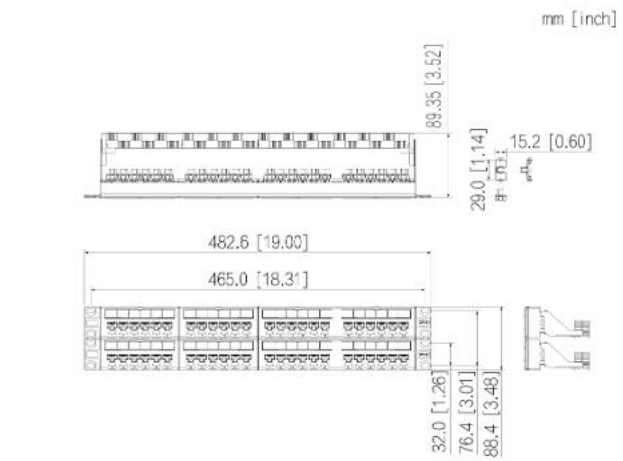
Compliance Standard	ANSI/TIA568.2-D

Patch Panel | DH-PFM3973M-6U-48

Ordering Information

Type	Model	Description
Patch Panel	DH-PFM3973M-6U-48	48-port CAT6 UTP Patch Panel

Dimensions (mm[inch])



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