

Features and Benefits

MIIM™ Category 6 UTP Patch Panels are used within the MIIM System. Each 1U 24 Port Patch Panel has one data bus connection port located on the rear of the panel. The data bus connection port connects the panel to the MIIM scanner via a standard RJ45 patch cord. The patch panel is used by the MIIM system to track connectivity in the patch zone and work area. LED status indicators on the panel show status of connectivity between the panel and the scanner and also provide panel guidance for work orders.

The IDC section of the MIIM Patch Panels consist of V-shaped contacts that flex not fatigue when terminated. Each port features a patented spring-loaded shutter. The patch panel works as a conventional patch panel when not connected to the MIIM system. The MIIM patch panel is Category 6 compliant and meets the relevant cabling standards for category 6 performance.

- Two power status indicators to ensure proper connection of power supply from the scanner
- Data bus connection to the MIIM Scanner is via an industry standard RJ45 patch cord
- Category 6 field configurable for 568 A/B
- Integral cable management shelf ensures bend radius compliance
- International hardware kit contains both ANSI and metric hardware
- Can be terminated using industry standard punch-down tools

Commercial Standards

TIA/EIA-568-C.2 Category 6 Channel Compliant
FCC Subpart F 68.5 Compliant
ISO/IEC 11801 2nd Ed. Class E Channel Compliant

Approvals:

ETL independent testing
UL 1863
CSA 22.2

Technical Information

Mechanical Characteristics

Patch Panel Characteristics

Material: CRS (cold rolled steel)
Thickness: 1.52 mm (.060 in)
Coating: Black Zinc

Temperature Rating

Installation: 0° C - 50° C
Operation: 0° C - 50° C
Storage: -20° C - 60° C

Jack Connector

Housing: Zinc Alloy plated bright Ni/Cu
Operating Life: Minimum 750 insertions
Contact Material: Copper Alloy
Contact Plating: 1.25µm Gold over Nickel
Contact Force: 100 g minimum
Plug Retention Force: 6.8 kg minimum

IDC Connector

Plastic Housing: Polycarbonate UL94V-0 rated
Operating Life: Minimum 20 terminations of same gauge wire

Contact Material:

IDC Contact Plating: Tin Matte
Wire Accommodation: 22-24 AWG solid wire

Electrical/Optical Characteristics

Interface Resistance: 20mΩ
Initial Contact Resistance: 2.5mΩ
Insulation Resistance: > 100MΩ

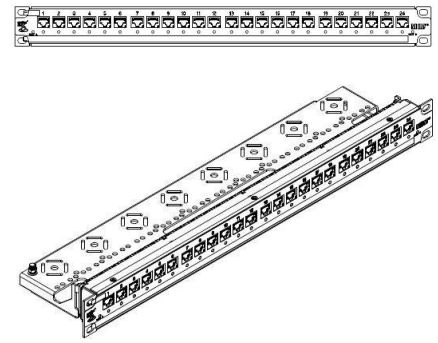
Shipping Weight:

560g (1 lb. 4 oz.)
Dimensions: 483mm W X 44mm H X 92mm D
(19.0" W x 1.75" H x 4.25 D ")

Reference Information

Parts List

- MIIM Category 6 Patch Panel with integral cable management shelf
- Front labeling card index strip
- International Hardware kit



ORDERING INFORMATION

Order No.	SAP No.	Description
PID-00221	183200000	MIIM Category 6, 1U, 24 Port Patch Panel 568 A/B

MOLEX PREMISE NETWORKS

Americas
Tel: 630 969 4550
www.molexpn.com

EMEA
Tel: 44 (0) 2392 205800
www.molexpn.co.uk

APAC
Tel: 61 3 9971 7111
www.molexpn.com.au