

## Features and Benefits

MIIM™ G3 Category 6 UTP Patch Panels are used within the MIIM G3 System. Each 1U 24 Port Patch Panel can connect to the MIIM scanner with one control unit data on the rear of the panel which provides the data bus connection. 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 G3 system to track connectivity in the patch zone 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 MIIM G3 Patch Panels consist of 24 Keystone jacks which is Category 6 compliant and meets the relevant cabling standards for category 6 performance. The jack is engineered for use across a broad range of Molex products.

- 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
- Individually removable patch panel ports

## Commercial Standards

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

## Technical Information

### Mechanical Characteristics

Patch Panel  
 Material: CRS (cold rolled steel)  
 Thickness: 1.52 mm (.060 in)  
 Coating: Black Powdercoat  
 Temperature Rating  
 Installation: 0°C - 50°C  
 Operation: 0°C - 50°C  
 Storage: -20°C - 60°C

Jack Connector  
 Housing FTP: 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: Copper Alloy  
 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: 840g (1 lb. 4 oz.)  
 Dimensions:  
 (483.6mm W X 44.45mm H X 96.4mm D)  
 (19.0" W x 1.75" H x 4.25 D ")



## ORDERING INFORMATION

Order No.	SAP No.	Description
PID-00283	183200023	1U 24 Port Category 6 UTP MIIM G3 Jack Loaded Patch Panel W/O control unit
PID-00287	183200025	1U 24 Port Category 6 UTP MIIM G3 Jack Loaded Patch Panel with control unit

## MOLEX PREMISE NETWORKS

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