FEATURES AND SPECIFICATIONS

molex

Category 6 PDS 96 Pair Termination Block Kits

Features and Benefits

Molex Premise Networks 4 Pair Category 6 Connector is a high performance IDC providing Category 6 performance to channel and permanent link configurations. This performance is guaranteed by the unique pair separation within the connector.

The connectors sold in kit form with a 96 Pair base, providing a wall mount pair management solution qualified to Category 6 performance.

■ Industry standard wall mount format
■ Available with or without mounting legs
■ Supplied with label cards and holders
■ Features cut-outs for cable routing for easier
■ installation and enables cable sheathing to be maintained down to 25mm from IDC
■ Available as a kit with IDC connectors or as stand alone base
■ RoHS Compliant

Technical Information

Mechanical Characteristics

96 Pair Block
Material: Flame Retardant Thermoplastic
Colour: Black
Dimensions:
89mm x 273mm x 89mm

Shipping Weight: 330g – with legs

Jack Connectors

Plastic Housing: Thermoplastic UL94V-0
Operating Life: 750 cycles minimum
Contact Material: Copper alloy
Contact Plating: 50μ inches gold over 100μ inches nickel
Contact Force: 100g minimum
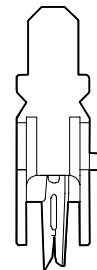Plug Retention Force: 11 lbf minimum
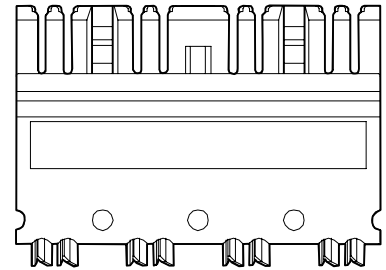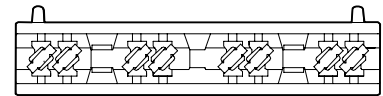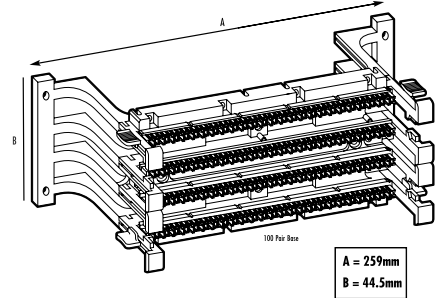
IDC Connector

Wire Accommodations
Wire Ranges: 22-26AWG (0.4mm – 0.63mm)
Limiting OD: 1.4mm
Re-terminations: 200
Conductor Types: Plastic Insulation. Including PVC, IPVC, Polyethylene, PTFE, Polyurethane, Polyolefin & Nylon

Electrical/Optical Characteristics

Dielectric Strength: 1.0kV RMS @ 60Hz
Resistence Isolation: 10mW
Contact Resistence: 20milliW MAX.
Current Rating: 1.5amps at 20ºC

Material
Plastic Housing: UL94V-0Rated, Thermplastic
Contact Material: Copper alloy
IDC Contact Plating: Tin matte finish

Design Life
Terminations: 30 years
Environmental -   Connector Only
Temperature Range
Storage   -40°C to +70°C
Operational   -10°C to +60°C
Humidity   93%

A = 259mm
B = 44.5mm

ORDERING INFORMATION

Order No.	SAP No.	Description
KPD-00078	Consult Molex	Category 6, 96 Pair Base Without Legs (24 Category 6 4 Pair IDC Connectors)
KPD-00079	Consult Molex	Category 6, 96 Pair Base With Legs (24 Category 6 4 Pair IDC Connectors)
KPD-00089	Consult Molex	Category 6, 96 Pair Base, Without Legs (No Connectors)
KPD-00090	Consult Molex	Category 6, 96 Pair Base With Legs (No Connectors)
KPD-00088	Consult Molex	Category 6, 4 Pair IDC Connector - Each

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