

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

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: Phosphor Bronze
 Contact Plating: 50µ inches gold over 100µ inches nickel
 Contact Force: 100g minimum
 Plug Retention Force: 11 lbf minimum

IDC Connector

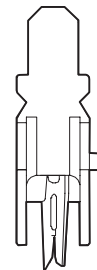
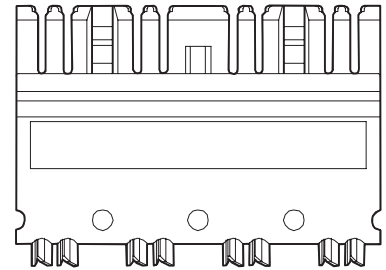
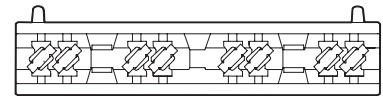
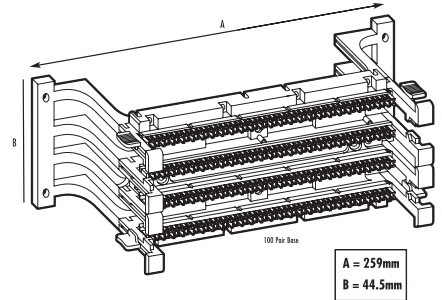
Wire Accommodations
 Wire Ranges: 22-26AWG (0.4mm – 0.63mm)
 Limiting OD: 1.4mm
 Re-terminations: 200
 Conductor Types: Plastic Insulation, Including PVC, IPVC, Polyethylene, PTFE, Polyurethane, Polyolefin & Nylon

Electrical/Optical Characteristics

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

Material
 Plastic Housing: UL94V-0 Rated, Thermoplastic
 Contact Material: Phosphor Bronze
 IDC Contact Plating: Solder Plate (60% tin/40% Lead)

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



MOLEX PREMISE NETWORKS

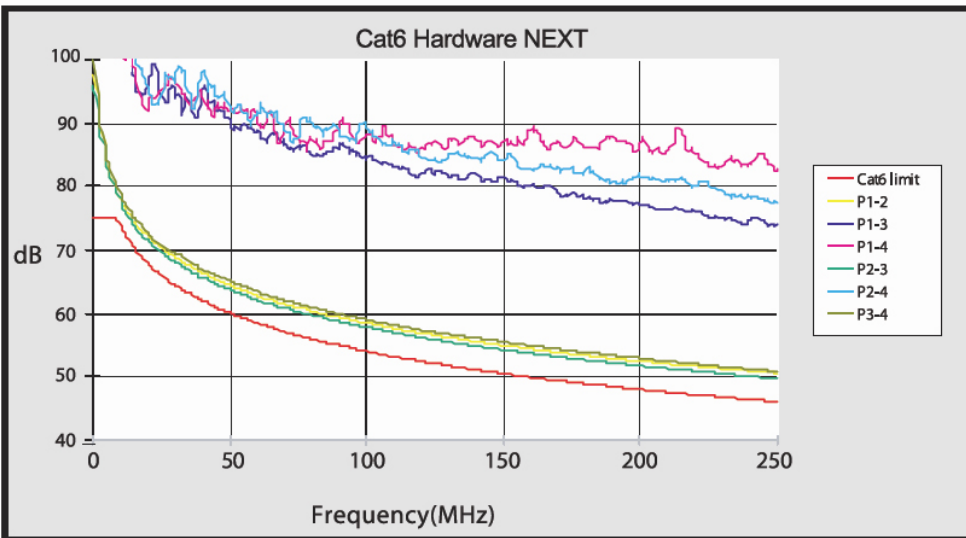
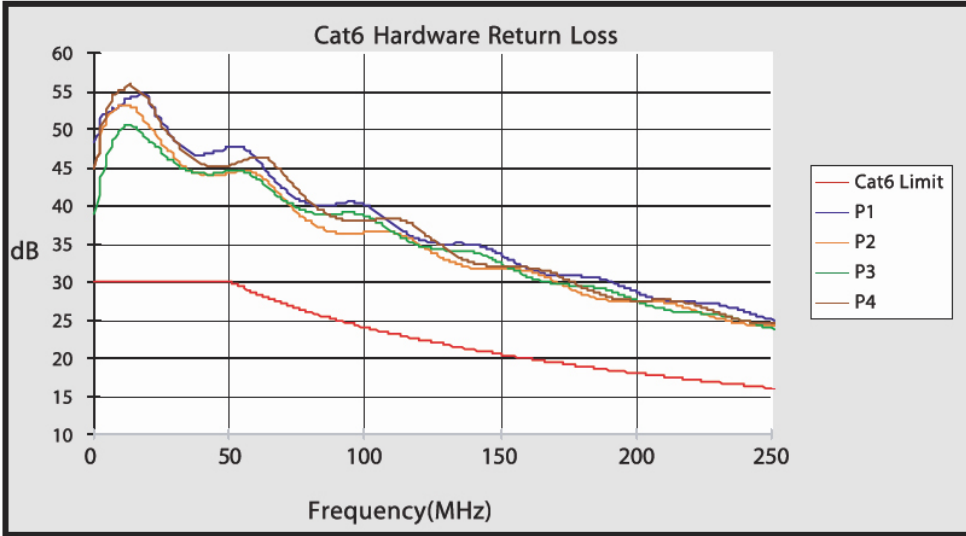
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Performance Graphs

ETL Independent Laboratory
Component Compliance
Test Results



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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