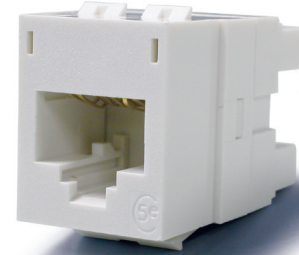


PowerCat 5e DataGate Jack

The PowerCat 5e Unshuttered DataGate Jack is designed to maintain clean secure connections.

DataGate jacks utilize patented IDC V-shaped contacts that flex not fatigue when terminated and is uniquely designed to allow for rear and side entry cable termination. The provision of side entry termination ensures bend radius is maintained in installations where there is limited space - optimising the performance of your Enhanced Category 5 solution.

The DataGate jack is engineered for use across a broad range of Molex products.



FEATURES AND ADVANTAGES

Patented IDC V-shaped contacts that flex not fatigue when terminated

Features pointed IDC towers to speed termination and enhance cable retention

Dual color-coding allows for 568 A/B wiring configuration

Can be terminated using industry standard punchdown tools

RJ-11 & RJ-12 compatible

Molded category identification on jack face as well as optional port identification icons

SPECIFICATIONS

Commercial Standards

TIA/EIA-568-B.2-1 Component Compliant
FCC Subpart F 68.5 Compliant
IEC-603-7 Compliant
ISO 11801 Class E Compliant
ETL Verified for Category 6 Component Compliance

Pending Approvals

UL-1863, CSA

Technical Information

Mechanical Characteristics

Jack Connector

Plastic Housing:

Polycarbonate, UL94V-0 rated or equivalent

Operating Life:

Minimum 750 insertion cycles

Contact Material: Copper Alloy

Contact Plating:

50µ" Gold/100µ" Nickel

Contact Force: 100g minimum

Plug Retention Force: 15 lb

IDC Connector

Plastic Housing:

Polycarbonate, UL94V-0 rated or equivalent

Operating Life:

Minimum 200 reterminations

Contact Material: Copper Alloy

IDC Contact Plating: Tin/Lead Plate

Contact Force: 100g minimum

Wire Accommodation: 22-24 AWG solid

Electrical/Optical Characteristics

Interface Resistance: 20 milliohms

Initial Contact Resistance: 2.5 milliohms

Insulation Resistance: >100 Megaohms

Dimensions (mm):

23.9(H) x 17.8(W) x 32.3(D)

Shipping Weight: 14g

www.molex.com/products/copper/cat5e/

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PowerCat 5e DataGate Jack

SPECIFICATIONS - CONTINUED

PoE

Our PowerCat 5e system is suitable for PoE applications as defined below:

IEEE 802.3bt from Type 1 to Type 4, and CISCO UPoE+

Notes:

For new installations of PoE Type 3 / Class 5 and above that wish to be eligible for the Molex 25 year Application Assurance Warranty, we require Category 6A cable to be used throughout.

To confirm your PoE / RP3 cabling design is eligible for the Molex 25 year Application Assurance Warranty, your design must be verified and validated with the Molex PoE Calculator. Read more <https://www.molexces.com/poe-calculator>

Molex recommends that the PoE feature on an individual switch port are power disabled prior to unplugging the associated powered Device. Molex recommends that the full range of PowerCat 5e products be used in a system to maximize cabling and PoE performance. Details on Molex requirements for Warranty can be found at <https://www.molexces.com/about-us/our-warranty/>

ORDERING INFORMATION

Order No.	SAP No.	Description
KSJ-00025-**-	Consult Molex	PowerCat 5e Unshuttered DataGate Jack, 8W 568A/B
Accessories		
CSP-00021-**-	Consult Molex	Blank 6-Pack Icons (Bag of 10)
CSP-00022-**-	Consult Molex	Data 6-Pack Icons (Bag of 10)
CSP-00023-**-	Consult Molex	Voice 6-Pack Icons (Bag of 10)

*DataGate Colors - Replace the (**) in the part number with one of the following:*

01 = Almond 02 = White 04 = Black 05 = Ivory 08 = Light Gray RD = Red BL = Blue GR = Green YL = Yellow RG = Orange PP = Purple

www.molexces.com/products/copper/cat5e/