

# PowerCat 5e DataGate Jack



## The PowerCat 5e DataGate jack is designed to maintain clean secure connections.

The RJ-45 jack features a patented 'spring-loaded shutter' which protects it from dust and contaminants as well as provides tactile feedback - the spring-loaded shutter pops out an improperly seated patch cord—all with single-handed plug-in and removal.

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.

## Features and Advantages

### Patented Spring-Loaded Shutter:

- prevents incomplete mating
- protects from dust and contaminants

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

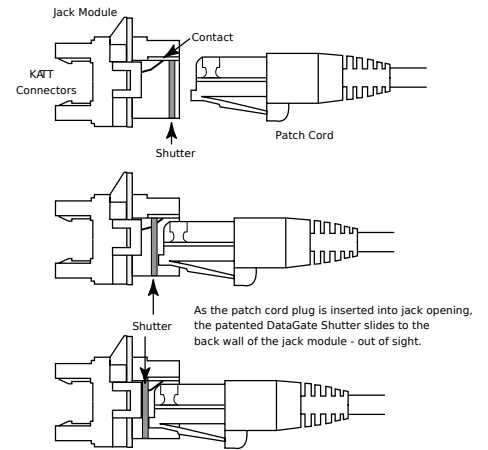
Can be terminated using industry standard punch-down tools

RJ-11 & RJ-12 compatible

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



### DataGate Shutter Operation



## Specifications

### MECHANICAL

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 20 reterminations  
Contact Material: Copper Alloy  
IDC Contact Plating: Tin/Lead Plate  
Contact Force: 100g minimum  
Wire Accommodation: 22-24 AWG solid

### ELECTRICAL

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

### PHYSICAL

Dimensions:  
23.9mm (H) x 17.8mm (W) x 32.3mm (D)  
(0.94"H x 0.70"W x 1.27"D)  
Shipping Weight: 14g (0.49 oz)

### 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

Pending Approvals  
UL-1863  
CSA

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## Ordering Information

Order No.	SAP No.	Description	Colour
KSJ-00024-01	18197-0102	PowerCat 5e DataGate Jack 8W 568A/B	Almond
KSJ-00024-02	18197-0103	PowerCat 5e DataGate Jack 8W 568A/B	White
KSJ-00024-04	18197-0105	PowerCat 5e DataGate Jack 8W 568A/B	Black
KSJ-00024-05	18197-0106	PowerCat 5e DataGate Jack 8W 568A/B	Ivory
KSJ-00024-08	18197-0104	PowerCat 5e DataGate Jack 8W 568A/B	Grey
KSJ-00024-RD	18197-0112	PowerCat 5e DataGate Jack 8W 568A/B	Red
KSJ-00024-BL	18197-0110	PowerCat 5e DataGate Jack 8W 568A/B	Blue
KSJ-00024-GR	18197-0108	PowerCat 5e DataGate Jack 8W 568A/B	Green
KSJ-00024-YL	18197-0111	PowerCat 5e DataGate Jack 8W 568A/B	Yellow
KSJ-00024-RG	18197-0107	PowerCat 5e DataGate Jack 8W 568A/B	Orange
KSJ-00024-PP	18197-0109	PowerCat 5e DataGate Jack 8W 568A/B	Purple
<b>Accessories</b>			
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)	

Icon colours options - Replace the (\*\*) in the part number with one of the following: 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Grey, RD = Red, BL = Blue, GR = Green, YL = Yellow, RG = Orange, PP = Purple

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