

DataGate Plus Jack Category 5e

Features and Benefits

The DataGate Plus 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 Plus jacks utilize patented IDC V-shaped contacts that flex not fatigue when terminated. The DataGate Plus jack is engineered for use across a broad range of Molex Premise Networks products.

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

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 5e Component Compliance

Pending Approvals:

UL-1863 CSA

Mechanical Characteristics

Jack Connector

Plastic Housing: Thermoplastic 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: 11 lbf minimum

IDC Connector

Plastic Housing: Thermoplastic UL94V-0

rated or equivalent

Operating Life: Minimum 20 reterminations

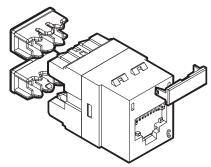
Contact Material: Copper Alloy IDC Contact Plating: Tin/Lead Plate Wire Accommodation: 22-24 AWG solid

Electrical Characteristics

Interface Resistance: 20 milliohms
Initial Contact Resistance: 2.5 milliohms
Insulation Resistance: >100 Megaohms

Parts List:

DataGate Plus Jack with Stuffer Cap

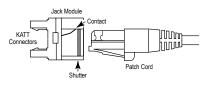


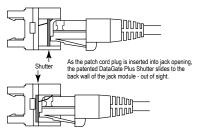
DataGate Plus Jack with icon demonstration

Dimensions:

23.9mm x 17.8mm x 32.3mm (.94"H x .70"W x 1.27"D) Shipping Weight: 14g (.5 oz.)

DataGate Plus Shutter Operation





ORDERING INFORMATION Order No. Description KSJ-00024-** DataGate Plus Jack Category 5e 8W 568A/B Accessories: CSP-00021-** CSP-00022-** Blank 6-Pack Icons (Bag of 10) CSP-00022-** Data 6-Pack Icons (Bag of 10)

Voice 6-Pack Icons (Bag of 10)

Insert color code in place of ** in part number when ordering DataGate Plus jack or Accessories:

01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Grey, RD = Red, BL = Blue, GR = Green, YL = Yellow,

RG = Orange. PP = Purple

CSP-00023-**



MOLEX PREMISE NETWORKS

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