

QuickPort® GigaMax™ 5e Snap-In Connector

APPLICATION

Modular connector for Enhanced Category 5 UTP structured cabling systems. Uses include high megabit applications such as Gigabit Ethernet and 622 Mbps ATM.

STANDARDS COMPLIANCE

Meets all applicable standards: UL Listed; complies with all TIA/EIA-568-B requirements; and meets FCC Part 68.

PHYSICAL SPECIFICATIONS

Materials: Connector body is high-impact, fire-retardant plastic rated UL 94V-0. Spring wire contacts are highest quality phosphor bronze, plated with 50 microinches of gold over 100 microinches of nickel for lowest contact resistance, maximum life. Connector 110 IDC contacts are solder-plated phosphor bronze.

Dimensions: .783"H x .575"W x 1.178"D

DESIGN CONSIDERATIONS

- Use in any QuickPort housing to support GigaMax (Category 5e) UTP connectivity in surface-mount, flush-mount, or modular furniture outlets, or patch panels and patch blocks.
- Can be used in conjunction with other QuickPort snap-in modules for voice/data and video applications over UTP, coax and fiber.
- To ID ports, use different colored modules for each application (full selection of TIA/EIA-606 compatible colors—13 available), or Pre-Printed Port Designation Labels. (PN#: 41080-LXB)

UNIQUE FEATURES

- Color choice of ivory, white, grey, black, orange, blue, crimson red, yellow, green, purple, almond, brown, and dark red.
- Dual wiring code label allows connector to be wired to either T568A or T568B.
- Individual port configurability allows specification flexibility.
- Robust one-piece lead-frame design.
- Narrow connector allows high port density in a small area.
- Performance supports high megabit and shared-sheath applications.

INSTALLATION NOTES

- Designed for cable termination with a 110 punchdown tool.
- Detailed installation instructions are included in the standard pack.
- 110 punchdown area is 1/2" long, taking the guesswork out of complying with the TIA/EIA-568-B 1/2" max. untwisting rule.

See ELECTRONIC FILES for CAD files (.DXF, .DWG, MS-DOS.EPS) on disk



For ELECTRONIC Typical Specs see (.TXT) file on disk.

TYPICAL SPECIFICATION

The modular connector shall meet or exceed individual snap-in style, and provide compliance with TIA/EIA-568-B specifications. The connectors shall also be in compliance with all National Electrical Codes; compliant with FCC Part 68; UL listed; and independently UL Certified. In addition to Category 5 compliance, the connector shall have the ability to support high megabit and shared-sheath applications. All plastics used in construction of the connector bodies shall be fire-retardant with a UL flammability rating of 94V-0. Termination of all connectors shall be 110-type insulation displacement connectors (IDC) with solder-plated phosphor bronze contacts. Connectors shall be manufactured in the USA utilizing a lead-frame technology. The connector shall provide a ledge directly adjacent to the 110 style termination against which the wires can be directly terminated and cut in one action by the installation craftsman. Connector wiring label shall provide installation color codes for both T568A and T568B wiring schemes. The modular hardware shall fit all other installed telecommunications wallplates, outlets and field-configurable patch panels and patch blocks. Colors and configurations to be specified per schedule on plan. The manufacturer shall provide a one-year limited product warranty and a 15-year product performance guarantee. The manufacturer shall provide a lifetime warranty against defects in material and workmanship, and an application guarantee when installed as part of a certified system.

WARRANTY INFORMATION

- One-year limited product warranty and a 15-year performance guarantee are standard.
- Product and performance warranties are extended to a Lifetime as part of Leviton's Certified Cabling System.



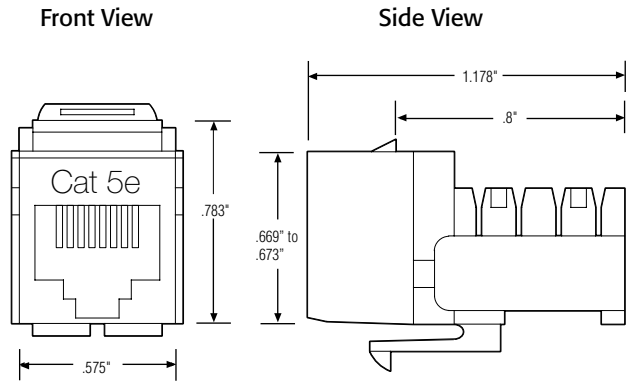
For Applications Engineering Support – Call 1-425-485-4288; in USA call 1-800-722-2082
Spec sheets and updates are also available at www.levitonvoicedata.com.

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Part Number
5G108-R*5

DIMENSIONAL LINE ART

See ELECTRONIC FILES for CAD images
(.DXF, .DWG, MS-DOS.EPS)



PART NUMBERS

QuickPort® GigaMax™ 5e Snap-In Connector	Part No.
8-conductor connector	5G108-R*5

*= Color choices for connectors: (I) ivory, (W) white, (G) grey, (E) black, (O) orange, (L) blue, (C) crimson red, (Y) yellow, (V) green, (P) purple, (A) almond, (B) brown, (R) dark red.



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