

GigaPlus Cat 5e UTP Tool-Free Snap-In-Jack

Datasheet: GD070183v10

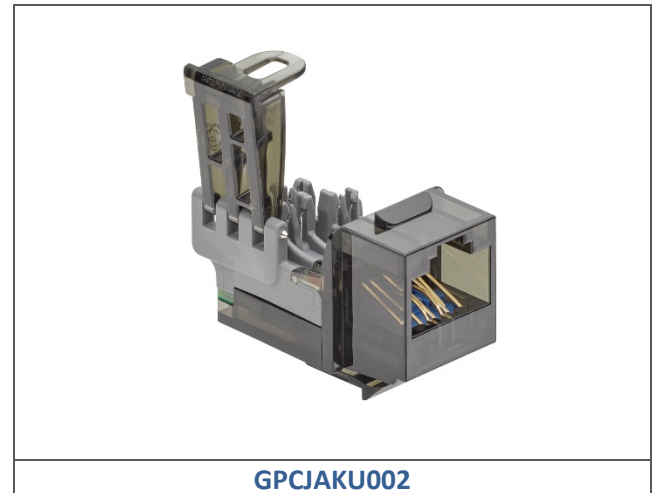


APPLICATION

The GigaPlus Cat 5e UTP Tool-Free Snap-In-Jack is part of the GigaPlus cabling system. When used within a channel, the tool-free jack provides industry leading electrical performance. The jack is designed for quick, easy, and efficient terminations, as it requires low insertion force, there is no need for a flat surface, and no termination tool is necessary. Tests prove the tool-free jack halves termination time, greatly reducing installation labor time. The jack is backwards compatible and fully compatible with all Leviton UK and Continental style faceplates and patch panel products.

FEATURES

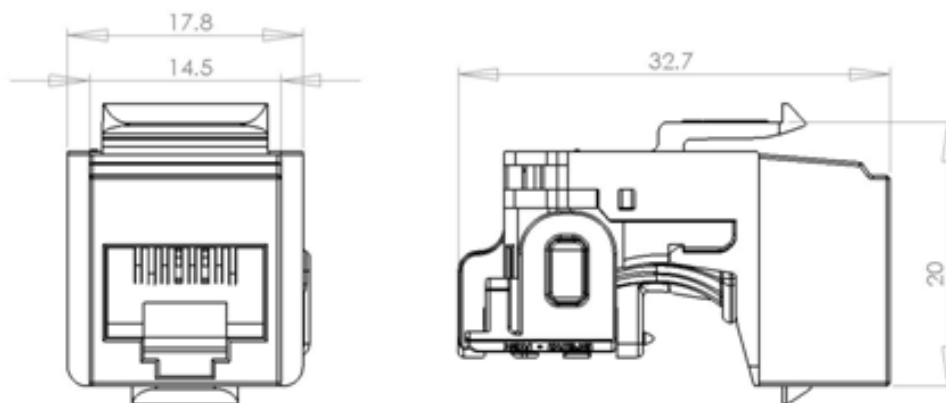
- Rear, top or side entry cable configuration for maximum flexibility
- Tool-free design requires no specialized termination tools
- Patented contact array providing standards compliance electrical performance
- Low contact insertion force guaranteeing tool-free termination
- Compact Design:
 - 17.8mm width
 - 32.7mm depth
- Color-coded contact array clearly distinguishes blue for Cat 5e performance



ORDER INFO

Part Number	Item Description	Color	Weight per Item (nom)	Qty per Pack
GPCJAKU002	GigaPlus Cat 5e UTP Tool-Free Snap-In-Jack	Gray	15g	12

PHYSICAL CHARACTERISTICS



APPLICABLE PRODUCT STANDARDS

- ISO/IEC category: Category 5e performance connector for use in Class D cabling systems
- ISO/IEC 11801-1 Current Edition
- EN 50173-1 (Class D)
- IEC 60603-7, 7-1, 7-41
- ANSI/TIA-568.2-D: Category 5e Performance
- Recommended for PoE standards: IEEE 802.3af, 802.3at, 802.3bt (Type 3), and Cisco UPoE up to 60 watts

ENVIRONMENTAL CONDITIONS

- Operating temperature from -10°C to 60°C at 93% relative humidity, non-condensing
- Storage temperature from -40°C to 70°C

ELECTRICAL CHARACTERISTICS

- Voltage Proof: 1500V dc/ac peak
- Current-temperature derating: Compliant with IEC 60603-7
- Contact Resistance: <20mΩ
- Insulation Resistance: >500MΩ
- Coupling attenuation: >61dB

MECHANICAL SPECIFICATION

- IDC Contacts: Accept solid wires 24-22AWG
- Apertures: The product fits into 14.9mm x 19.8mm (WxH) cut outs with 1.5mm-1.6mm plate thickness.
- Repeat plug insertions: >750 mating cycles with an IEC 60603-7 compliant plug
Product tested to 2500 insertion cycles
- Wiring: T568 A and B wiring types
- Contact Pins: Phosphor Bronze, Nickel Plated with selective gold plating (50micro-inch min) over contact area
- Note that each product pack contains termination instructions

REGULATIONS & COMPLIANCE

- RoHS 2011/65/EU Compliant

*“Leviton is **dedicated to designing, developing, and manufacturing** sustainable **high-performance** structured cabling and specialty **cabling solutions.**”*

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