

# GigaPlus Category 5e Unshielded Tool-Free Snap-In Jack

Datasheet: GD070183v9



## APPLICATION

The GigaPlus Category 5e Unshielded 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. Requiring 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

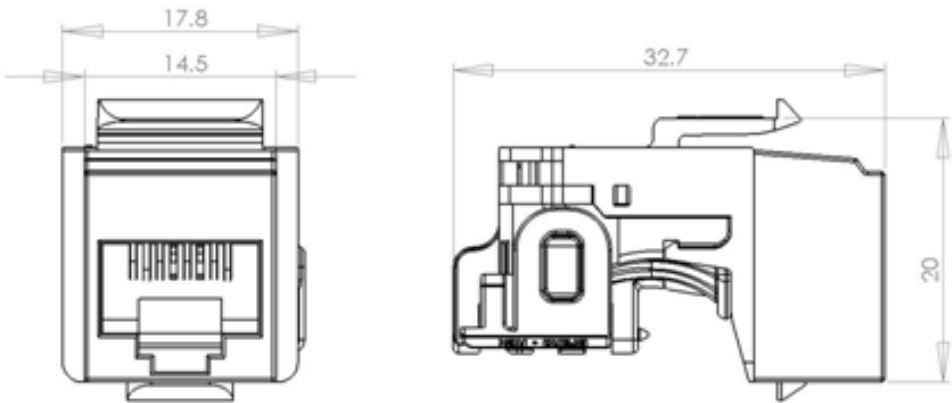
- Rear, top or side entry cable configuration for maximum flexibility
- Tool-free design requires no specialized termination tools
- Patented contact array providing standards compliance electrical performance
- Low contact insertion force guaranteeing tool-free termination
- Compact Design:
  - 17.8mm 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 Unshielded Tool-Free Snap-In Jack	Gray	15g	12

## PHYSICAL CHARACTERISTICS



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## APPLICABLE PRODUCT STANDARDS

- ISO/IEC category: Category 5e performance connector for use in Class D cabling systems
- ISO/IEC 11801-1 Current Edition
- 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<br>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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