

10GPlus Cat 6A UTP Tool-Free Snap-In Jack

Datasheet: GD068757v12

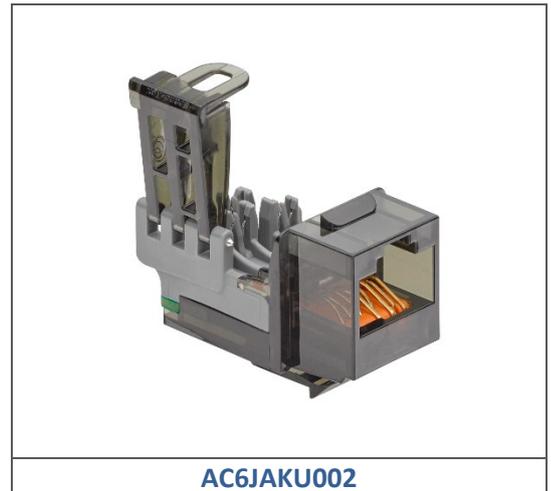


APPLICATION

The 10GPlus Cat 6A UTP Tool-Free Snap-In Jack is part of the 10GPlus cabling system. The 10GPlus cabling system is comprised of high-performance cables and connectivity, providing a reliable platform for today's network applications and high-speed protocols of tomorrow. The 10GPlus system is verified as a Category 6A and Class E_A solution set that is fully backwards compatible to Cat 6 (Class E) and Cat 5e (Class D) products. The jack is fully compatible with all Leviton UK and Continental style faceplates and patch panel products.

FEATURES

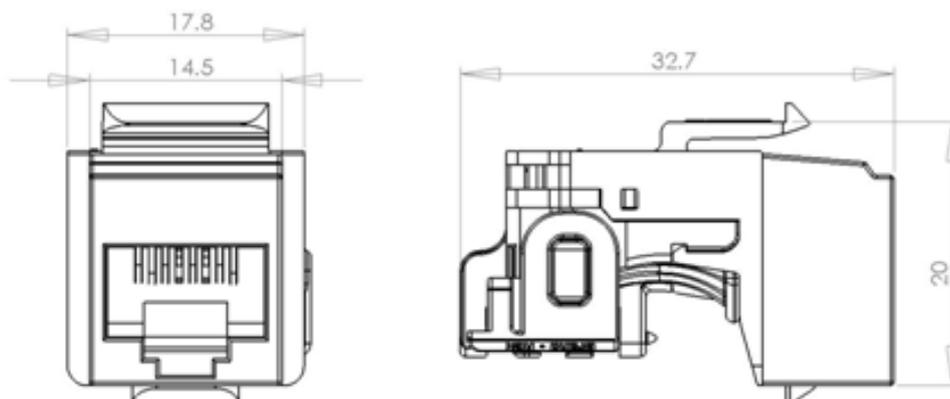
- Fast termination time
- Patented contact array providing standards compliance electrical performance
- Low contact insertion force guaranteeing tool-free termination
- Compact Design:
 - 17.8mm width
 - 32.7mm depth
- Color-coded contact array clearly distinguishes high-performance 10GPlus and Cat6Plus jacks
- Rear, top or side entry cable configuration for maximum flexibility
- Tool-free re-termination



ORDER INFO

Part Number	Item Description	Color	Weight per Item (nom)	Qty per Pack
AC6JAKU002	10GPlus Cat 6A UTP Tool-free Snap-In Jack	Gray	15g	12

PHYSICAL CHARACTERISTICS



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APPLICABLE PRODUCT STANDARDS

- ISO/IEC category 6A performance connector for use in Class E_A cabling systems
- ISO/IEC 11801-1 (Cat 6A)
- EN 50173-1 (Cat 6A)
- ANSI/TIA-568.2-D (Cat 6A)
- IEC 60603-7
- 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 (50 micro-inch min) over contact area
- Note that each product pack contains a full installation instruction

REGULATIONS & COMPLIANCE

- RoHS 2011/65/EU Compliant

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

The information contained in this document is valid and correct at the time of issue. Leviton reserves the right to modify details without notice in light of subsequent standard/specification changes and ongoing technical developments.