

Cat6Plus Cat 6 Shielded Tool-Free Snap-In Jack

Datasheet: GD101769v11



APPLICATION

The Cat6Plus Shielded Tool-Free Snap-In Jack has been designed to take the time out of termination. The tool-free design requires no specialized termination tool, making it one of the most intuitive products on the market. Coupled with exceptional electrical performance, it is ideal for enterprise and light commercial usage.

The Cat6Plus system is a Class E solution set that is fully backwards compatible with Cat 5e (Class D) products. The jack's compact construction makes it one of the smallest footprints available and it is fully compatible with all our UK and Continental style faceplates and patch panel products.

FEATURES

- High electrical performance with ample headroom in installed links
- Simplified termination method with low closing force makes installation easier
- 360° screen: rear contact features ensure good contact to cable shields and good EMI resistance
- Quick-release feature that supports safe, repeatable terminations
- Independent 3rd party verified for performance
- Quick and Intuitive termination – Less preparation time and less labor time
- Tool-free design requires no specialized termination tool
- Ideal for use in restricted spaces (compatible with 48-port 1U Snap-In-Jack Patch Panel)
- Universal Wire Management block - fits the Leviton screened cable range (26 to 22 AWG), including flexible stranded wire patch cords (26 AWG)
- Supports IEEE 802.3bt Type 4 PoE (90 Watt) applications
- Exceeds IEEE 802.3bt standard up to 0.5 amps per conductor (100 watts) continuously
- Patented Product



ORDER INFO

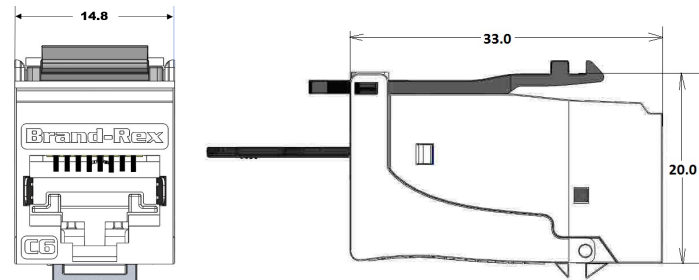
Part Number	Item Description	Weight per Item (nom)	Qty per Pack
C6CJAKS000DC	Cat6Plus Cat 6 Shielded Tool-Free Snap-In Jack	22g	12

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PHYSICAL CHARACTERISTICS



APPLICABLE PRODUCT STANDARDS

- ISO/IEC category Cat 6 performance
- connector for use in Class E cabling systems
- ISO/IEC 11801-1 (Cat 6)
- EN 50173-1 (Cat 6)
- ANSI/TIA-568.2-D (Cat 6)
- IEC 60603-7, -7-1 and -7-51
- IEEE 802.3bt PoE Type 1, 2, 3, 4 (90 Watts Max)
Cisco UPoE, UPoE+ (90 Watts Max)
- IEC 60512-99-001

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

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

MECHANICAL SPECIFICATION

- IDC Contacts: Accept solid wires 26-22 AWG and stranded wires 26-24 AWG
- 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

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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.