

10GPlus Cat6A Shielded Tool-Free Jack

Datasheet: GD101743v7

Brand-Rex | a **LEVITON** company

APPLICATION

The Brand-Rex Category 6A fully screened Snap-In jack is part of the Brand-Rex 10GPlus cabling system. The jack has been designed with an emphasis on taking the time out of termination. Its ease of use ensures it is one of the most intuitive products on the market, coupled with its exceptional electrical performance makes it the only choice for your network.

The 10GPlus system is a Class EA solution set that is fully backwards compatible to cat6 (Class E) 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

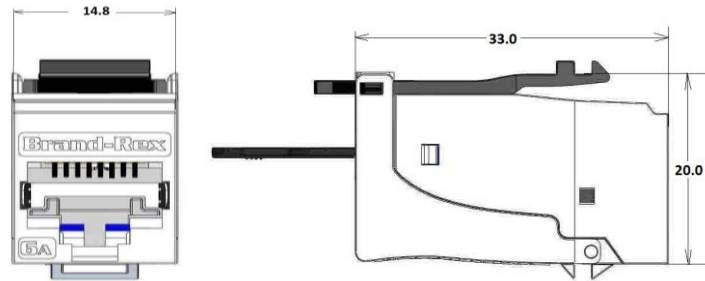
- Superior Electrical Performance – high performance product providing good headroom in installed links
- Easier to Use – Simplified termination method with low closing force makes installation easier
- Quick and Intuitive termination – Less preparation time and less labour time.
- Tool-Free termination – No need to use punch down tools
- Quick release function - Can be safely opened and re-terminated/re-used if required.
- Compact Design - Ideal for use in restricted spaces (and compatible with Brand-Rex 48 port 1U panel)
- 360° screen – rear contact features ensure good contact to the cable shields and good EMI resistance
- Integrated cable tie – To reduce cable strain.
- Universal Wire Management block - fits the Brand-Rex screened cable range (26 to 22 AWG) including flexible stranded wire patchcords (26AWG)
- Supported by the Brand-Rex 25 year system warranty
- Independent 3rd Party Verified performance
- Patented Product – Brand-Rex 'technology inside'



ORDER INFO

Brand-Rex Part Number	Item Description	Weight per Item (nom)	Qty per Pack
AC6JAKS000DC	10GPlus Cat6A Shielded Tool-Free Snap-In Jack	22g	12

PHYSICAL CHARACTERISTICS



APPLICABLE PRODUCT STANDARDS

- ISO/IEC category: Category Cat6_A performance connector for use in Class E_A cabling systems
- ISO/IEC 11801 ed 2.2 (2011)
- IEC 60603-7, -7-1 and -7-51
- EIA/TIA 568C series: Category 6A performance

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: <20mΩ
- Insulation Resistance: >500MΩ
- Coupling attenuation: >61dB

MECHANICAL SPECIFICATION

- IDC Contacts: Accept solid wires 26-22AWG 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 (50micro-inch min) over contact area
- Note that each product pack contains a full installation instruction.

REGULATIONS & COMPLIANCE

- RoHS 2011/65/EU Compliant

COMPATIBILITY MATRIX

Catalogue Number	Description
MMCPNLX24SIJ*MIL	1RU 24-Port Modular Inline Snap-In Jack Panel with Management Bar
MMCPNLX48SIJ1U2	1RU 48-Port Modular Inline Snap-In Jack Panel with Management Bar
MMCPNLX24SIJ*	1RU 24-Port Modular Staggered Snap-In Jack Panel
MMCPNLX24SIJ*M-B	1RU 24-Port Modular Staggered Snap-In Jack Panel with Management Bar
MMCPNLX24SIJ2MAN	1RU 24-Port Modular Angled Snap-In Jack Panel with Management Bar
MMCPNLX24SIJ*DCI	1RU 24-Port Coloured Insert Snap-In Jack Panel
MMCPNLX48SIJ*	3RU 48-Port Modular Snap-In Jack Panel
49223-CBC	QuickPort In-Ceiling Bracket, includes clip for drop wire/rod mounting
49223-CB0	QuickPort In-Ceiling Bracket, no clip
MMCDINSIJS8	1-Port DIN Rail Snap-In Jack Module
MMCWDOUNI070	86 x 86 mm 1- Port Shuttered Faceplate
MMCWDOUNI071	86 x 86 mm 2- Port Shuttered Faceplate
MMCWDO06C001	25 x 38 mm Shuttered Floorbox Module
MMCANG06C3	25 x 38 mm Angled Shuttered Floorbox Module
MMCWDOUNI062	25 x 50 mm Shuttered Faceplate Module
MMCANG0623	25 x 50 mm Angled Faceplate Module
MMCANGLGS45002UK	50 x 50 mm 1-Port Angled Snap-In Jack Module
MMCANGLGD45002UK	50 x 50 mm 2-Port Angled Snap-In Jack Module
MMCUNILGS45001	1-Port Snap-In Jack Module
MMCUNILGD45001	2-Port Snap-In Jack Module
MMCANGLGS45002	1-Port Angled Snap-In Jack Module 45 x 45 mm
MMCANGLGD45002	2-Port Angled Snap-In Jack Module 45 x 45 mm
MMCANGDK1453	1-Port 50 x 50 mm German-style Snap-In Jack Module
MMCANGDK2453	2-Port 50 x 50 mm German-style Snap-In Jack Module
MMCANGDK3453	3-Port 50 x 50 mm German-style Snap-In Jack Module
MMCUSIJS2002LO	70 x 115 mm 2-Port Horizontal Faceplate with Brand-Rex logo
MMCUSIJS3001LO	70 x 115 mm 3-Port Faceplate with Brand-Rex logo
MMCUSIJS4001LO	70 x 115 mm 4-Port Faceplate with Brand-Rex logo
MMCUSIJS4001LOICO	70 x 115 mm 4-Port Faceplate with Brand-Rex logo and options for icons
MMCUSIJS6001LO	70 x 115 mm 6-Port Faceplate with Brand-Rex logo

*“Brand-Rex is **dedicated to designing, developing and manufacturing** sustainable **high performance** structured cabling and speciality **cabling solutions**”*

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