

Cat6A Shielded Tool Free Jack

Datasheet: GD101743 v3.0



APPLICATION

The Brand-Rex Category 6A fully screened 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

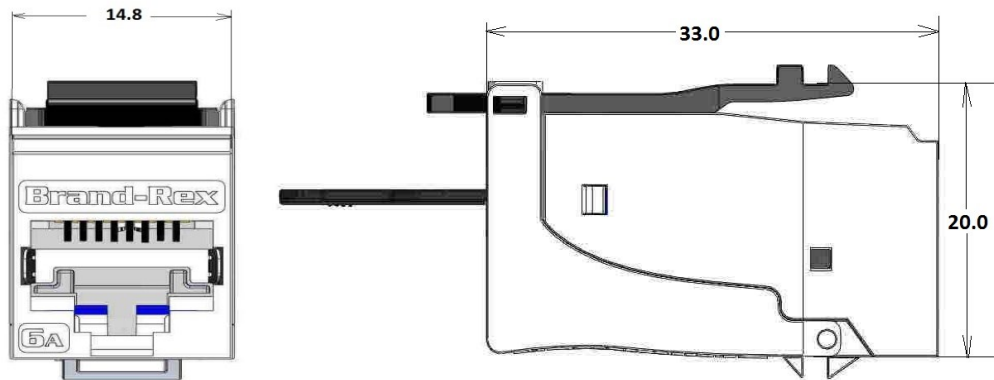
- Superior Electrical Performance – high performance product providing good headroom in installed links
- Easier to Use – Simplified termination method with low closing force makes installation easier
- Quick and Intuitive termination – Less preparation time and less labour time.
- Tool Free termination – 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	Revision	Item Description	Weight per Item (nom)	Qty per Pack
AC6JAKS000DC	A	Cat6A Shielded Tool Free 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

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 complaint plug Product tested to 2500 insertion cycles
Wiring:	T568 A and B wiring types

Note that each product pack contains a full installation instruction.

REGULATIONS & COMPLIANCE

RoHS 2011/65/EU Compliant

“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.