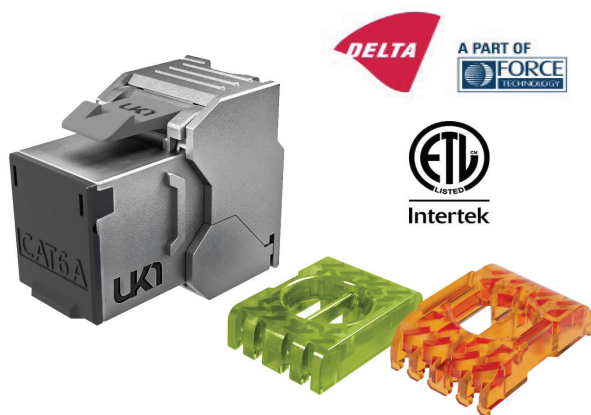


KJ6AFSHQEFx

Keystone jack Cat6a RJ45 fully shielded 360° Tooless



UNIK ✓

- ✓ Component certified Cat6a ISO
- ✓ Compliance with IEC 60512-99-002 2A (test program for disconnection under electrical load) verified by DELTA force
- ✓ Compact & unique design
- ✓ Fast & easy to terminate, tooless
- ✓ Conforming to Class Ea up to 500 MHz
- ✓ Integrated anti-dust shutter
- ✓ Offered with two insert bar to adapt to the cable gauge :



CAT7a AWG22



CAT6a/CAT7 AWG 23

THE PURPOSE

The Unikkern Keystone Cat6a 360° shielded jack, is made from die-cast Zinc-alloy, providing superior electrical performance. In Class Ea testing, it exhibits excellent margins for both Near-End Crosstalk (NEXT) and Return Loss, especially when used with standardized cables.

Two insert bars are included with the keystone for selection based on the cable type, ensuring accurate and comfortable termination. A specially designed **orange insert bar** allows for the connection of large-diameter wires and offers enhanced transverse strength distribution.

With its standard Keystone form factor and a compact size of 33.6mm (including the shutter), this keystone jack is compatible with all existing accessories in the market.

COMPLIANCE

Connector	System	Applications
IEC 60603-7-51:2010 Cat6a	ISO/IEC 11801-1:2017 Class Ea	IEEE 802.3 : 10G BASE T
IEC 60512-99-002 2A		IEEE 802.3 POE : Type 1 to 4 up to 90w
(Contact endurance test)		

THE STRUCTURE

Sizes :	(L)24.3mm x (l)14.5mm x (D)33.6mm	Green insert :	Insulation diameter max: 1.25 Cable diameter max: 7.8 mm
IDC :	Bronze + platinum	Orange insert :	Insulation diameter max 1.58 mm Cable diameter max : 8.7 mm
Wires :	AWG23 & AWG22	Color coding :	T568B & T568A
Contacts :	Phosphore bronze + Au 1.2 micron Zamac + Thermoplastic ULV0		



www.unikkern.com

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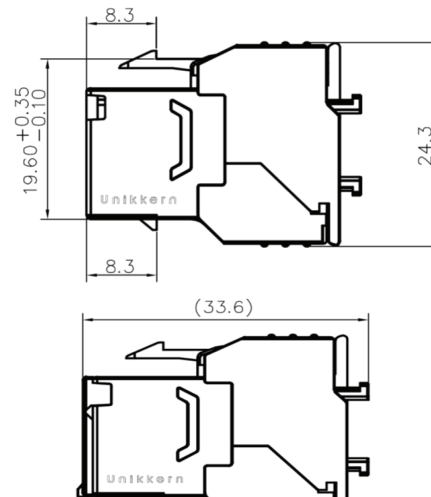
Keystone jack Cat6a RJ45 fully shielded 360° Tooless



TECHNICALITIES

- Contact resistance :** <20mΩ IEC 60512-2-1 Test 2a
- Input/output resistance :** <200mΩ IEC 60512-2-1 Test 2a
- Insulation resistance :** <1000mΩ @500V DC IEC 60512-2-1 Test 3a
- Voltage :**
 - > 1000V DC contact to contact
 - > 1500V DC de contact to ground

IEC 60512-2-1 Test 4a :
- Insertion cycles :** > 1000
- Max operating voltage :** > 72V DC - 125 VACV (RMS)
- Power capacity :** > 90W
- Operating temperature :** -40°C to +85°C



PURCHASE INFO

Category	Shielding	Item	Designation	Packing
Cat6a	Shielded	KJ6AFSHQEF1	Keystone jack Cat6a shielded 360° tooless	unit
Cat6a	Shielded	KJ6AFSHQEF8	Keystone jack Cat6a shielded 360° tooless	Eco-box of 8pcs
Cat6a	Shielded	KJ6AFSHQEF24	Keystone jack Cat6a shielded 360° tooless	Eco-box of 24 pcs

EXTRAS



KJP1UBEF
24 port unloaded patch panel 1U



KCFF6AxPZHD
Cat6a cable F/FTP AWG23 LSZH
cpr dca



KJFP4545xPEF
45x45 faceplate 1 or 2 ports flat

