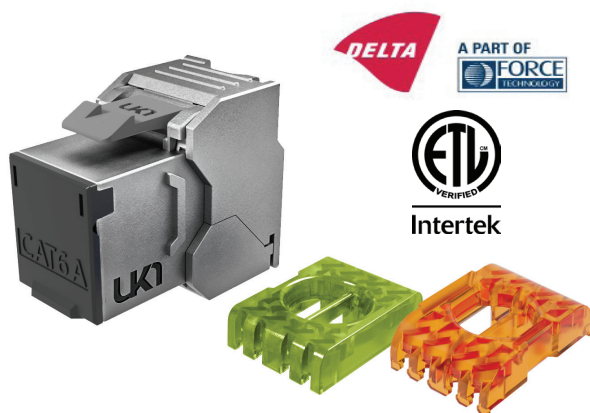


KJ6AFSHQEFx

Keystone jack Cat6a RJ45 fully shielded 360° Toolless



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, toolless
- ✓ 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

IEC 60603-7-51:2010 Cat6a

IEC 60512-99-002 2A

(Contact endurance test)

System

ISO/IEC 11801-1:2017 Class Ea

Applications

IEEE 802.3 : 10G BASE T

IEEE 802.3 POE : Type 1 to 4 up to 90w

THE STRUCTURE

Sizes : (L)24.3mm x (l)14.5mm x (D)33.6mm

IDC : Bronze + platinum

Wires : AWG23 & AWG22

Contacts : Phosphore bronze + Au 1.2 micron

Zamac + Thermoplastic ULV0

Green insert : Insulation diameter max: 1.25
Cable diameter max: 7.8 mm

Orange insert : Insulation diameter max 1.58 mm
Cable diameter max : 8.7 mm

Color coding : T568B & T568A



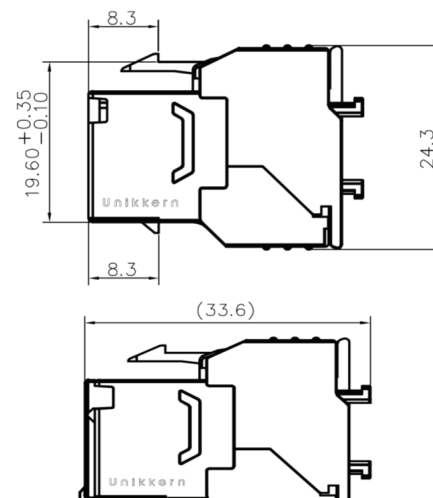
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TECHNICALITIES

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° toolless	unit
Cat6a	Shielded	KJ6AFSHQEF8	Keystone jack Cat6a shielded 360° toolless	Eco-box of 8pcs
Cat6a	Shielded	KJ6AFSHQEF24	Keystone jack Cat6a shielded 360° toolless	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

