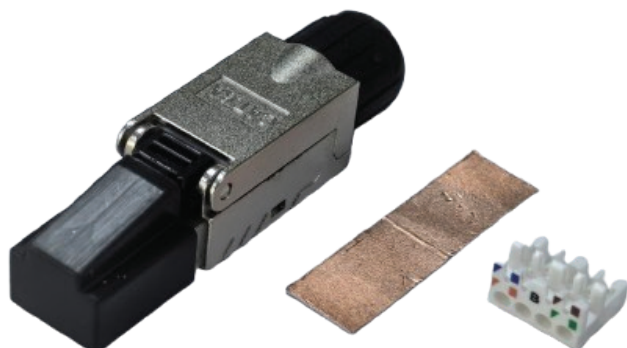


KMP6AFSEF

Cat6a 360° Shielded Field Connector



UNIK ✓

- ✓ Supports data transfer speeds up to 10 Gbps
- ✓ Compact and unique design
- ✓ Quick and easy tool-free connection
- ✓ Supports solid wires from AWG26 to 23

PURPOSE

The UKN Cat6A shielded field connector is a high-performance solution designed for fast and reliable terminations in demanding environments. It accommodates cable diameters from 6 to 8.5 mm and supports conductors from AWG22 to AWG26, offering great versatility for various installation configurations. Its robust 360° shielding effectively protects against electromagnetic (EMI) and radio frequency (RFI) interference, ensuring signal integrity even in industrial environments.

Designed to support Power over Ethernet Plus Plus (PoE++) applications, it delivers up to 90W of power, in compliance with IEEE 802.3bt standards. This capability makes it ideal for powering high-consumption devices such as wireless access points, IP cameras, and building management systems.

The UKN Cat6A shielded field connector combines ease of installation, enhanced shielding, and high power capability to meet the demands of modern network infrastructures, especially in industrial and high-density environments. Suitable for cable diameters between 6 and 8 mm.

COMPLIANCE

Connector

IEC 60603-7-51

EN 50173-1: 2018

System

ISO/IEC 11801-1: 2017

Applications

IEEE 802.3 af & at (POE/POEP)

THE STRUCTURE

Size : (L)53mm x (l)13.2mm x (D)14mm

Color code : T568B& T568A

IDC : Bronze phosphoré

Wires : AWG26 & AWG23

Contacts : Phosphor bronze

Aarmor : Die-cast zinc alloy



KMP6AFSEF

Cat6a 360° Shielded Field Connector

TECHNICALITIES

Contact resistance : <20mΩ

Input/Output resistance : <200mΩ

Insulation resistance : <1000mΩ @500V

Contacts : Bronze phosphoré

Voltage : >1000V DC contact to contact
>1500V DC contact to ground

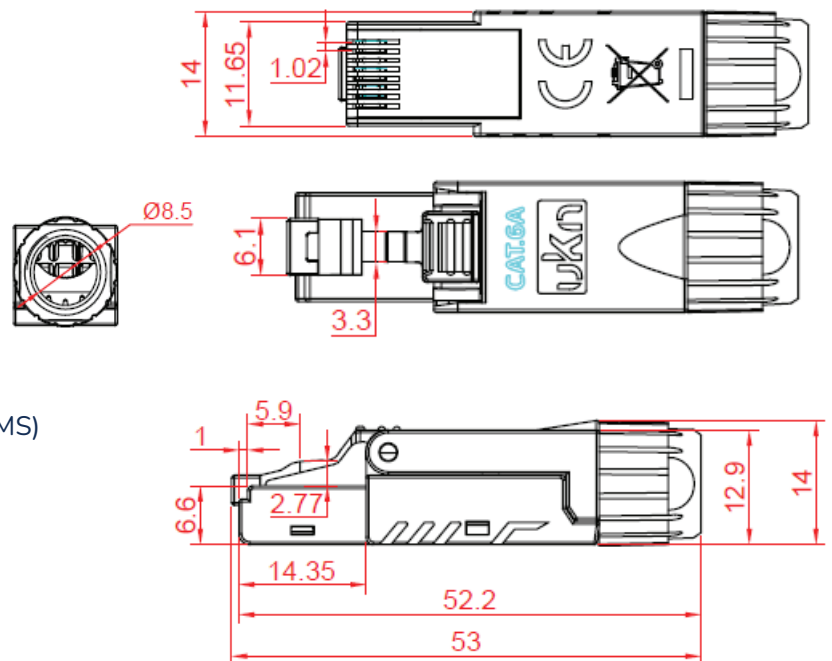
Insertion cycles : >750

Max operating voltage : >72V DC-125 VACV (RMS)

Power capacity : >90W

Operating temperature : 0°C to 70°C

Storage temperature : -40°C to 85°C



PURCHASE INFO

Category	Shielding	Item	Designation	Packing
Cat6a	Shielded	KMP6AFSEF1	Cat6a 360° shielded field connector	Bag of 1 pc
Cat6a	Shielded	KMP6AFSEF8	Cat6a 360° shielded field connector	Bag of 8 pcs

EXTRAS



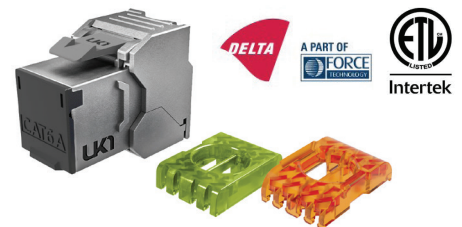
KJPP1UBMCTEF

1U 24-port Patch Panel



KCFF6AxPZHD

Cat6a F/FTP AWG23 LSZH Dca Cable



KJ6AFSHQEF

Shielded Cat6a RJ45 Toolless Keystone Jack (certified)

