

KMP6AFSXSEF

Cat6a 360° Extra Small 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 mini plug is a high-performance solution designed for fast and reliable terminations in demanding environments. It accommodates cable diameters from 6 to 8 mm and supports conductors from AWG23 to AWG26, providing excellent flexibility for different installation needs. Its robust 360° shielding ensures effective protection against electromagnetic (EMI) and radio frequency (RFI) interference, guaranteeing signal integrity even in harsh industrial settings.

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

Combining compact design, ease of installation, enhanced shielding, and high power capability, the UKN Cat6A shielded mini plug is perfectly suited to meet the requirements of modern network infrastructures, particularly in industrial and high-density environments.

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)39mm x (l)15.2mm x (D)15.1mm

Color code : T568B& T568A

IDC : Bronze phosphoré

Wires : AWG26 & AWG23

Contacts : Phosphor bronze

Aarmor : Die-cast zinc alloy



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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

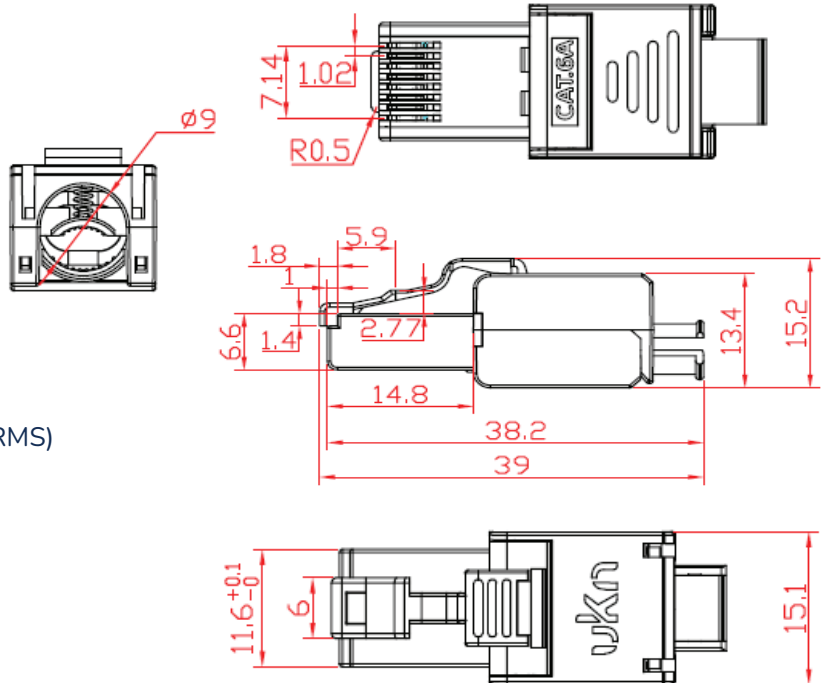
Insertion cycles : >200 Times Min.

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	KMP6AFSXSEF1	Cat6a 360° Extra small shielded field connector	Bag of 1 pc
Cat6a	Shielded	KMP6AFSXSEF8	Cat6a 360° Extra small shielded field connector	Bag of 8 pcs

EXTRAS



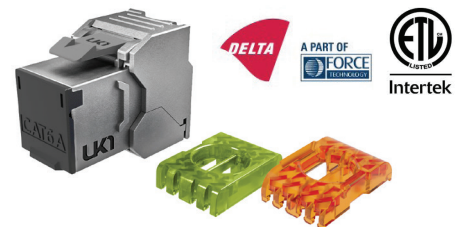
KJPP1UBMCTEF

1U 24-port Patch Panel



KCFF6AxPZHD

Cat6a F/FTP AWG23 LSZH Dca
Cable



KJ6AFSHQEF

Shielded Cat6a RJ45 Toolless Keystone
Jack (certified)

