

KMP8EFx

Field termination plug Cat8 360° shielded



UNIK ✓

- ✓ Supports transfer speeds up to 40 Gbps
- ✓ Channel link up to 30 meters
- ✓ Compact & unique design
- ✓ Fast & easy to terminate, toolless
- ✓ Conforming to Class I up to 2000 MHz
Cat8.1 360° shielded
- ✓ Support solid wire from AWG26 to 22

THE PURPOSE

The Unikkern Cat8 Field Termination Plug offers an advanced, tool-free solution for high-speed network terminations. Designed to deliver top-tier electrical performance in Class I up to 2000 MHz, it supports data transmission speeds of up to 40Gbps over short distances. Its fully shielded 360° zinc-alloy housing provides enhanced protection against electromagnetic interference (EMI), ensuring signal integrity even in high-density environments.

With compatibility for both solid and stranded wires from AWG26 to AWG22, and color-coded according to T568A/B standards, the plug ensures accurate, reliable, and quick field installations. Its compact and robust design is ideal for data centers, enterprise networks, and industrial environments where performance, reliability, and flexibility are key. It also supports the latest PoE++ standards, delivering up to 90W of power.

COMPLIANCE

Connector

EN 50173-1

System

ISO/IEC 11801 Class I

ANSI/TIA/EIA 568.2-D

Applications

IEEE 802.3 : 40G Base T

IEEE 802.3bt /PoEH/4PPoE

THE STRUCTURE

Sizes : (L)58mm x (l)12mm x (D)14.6mm

Color coding : T568B & T568A

IDC : Phosphor bronze

Wires : AWG26 & AWG22

Contacts : Phosphor bronze + 50 micron gold

Housing : Zinc die casting

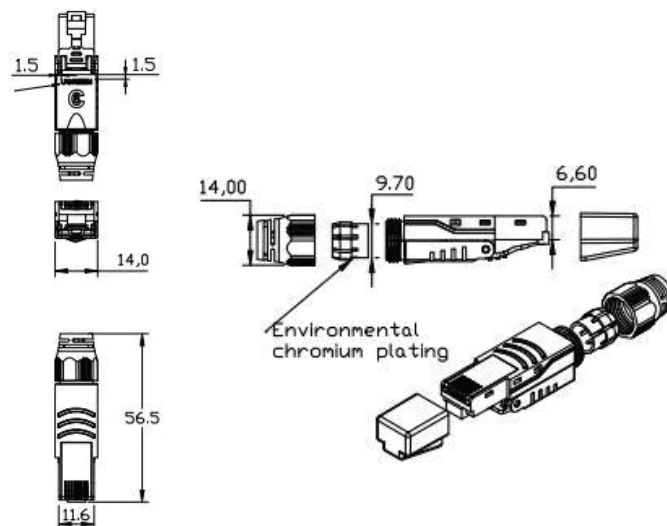


KMP8EFx

Field termination plug Cat8 360° shielded

TECHNICALITIES

Contact resistance :	<20mΩ
Input/output resistance :	<200mΩ
Insulation resistance :	<1000mΩ @500V
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 :	-40°C to 60°C



PURCHASE INFO

Category	Shielding	Item	Designation	Packing
Cat8	Shielded	KMP8EF1	Field termination plug Cat8 shielded	unit

EXTRAS



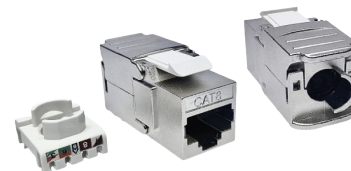
KJPP1UBMCTEF

Patch panel full metal 1U 24 ports
user friendly T shape



KCSF8xPZHB2

Cat8 S/FTP LSZH B2ca cable 4
pairs



KJ8FSHQEF

Keystone jack Cat8 RJ45 fully
shielded 360° toolless

