

# Category 6A Field Termination Plug

**molex**

**The Molex Category 6A field termination plug is designed to support 10gb networks and can be easily terminated using parallel jaw pliers.**

Termination is accomplished by placing the conductors into the proper wire slots in the wire cap. Placing the wire cap onto the plug, using a pliers to squeeze the wiring cap. All eight conductors are simultaneously terminated when the wire cap is squeezed. This process ensures quick, consistent, reliable terminations. The IDC is designed to accommodate different diameter conductors from 22 AWG-26 AWG Solid Wire. The Field Terminable Plug meets TIA-568-C.2 Category 6A component performance, Cat 5e/6 and 6A Direct Attach link and channels.

Ideal for use to provide high-bandwidth wireless access points and other IP-enabled devices such as: Surveillance cameras and infrastructure monitoring. A field modular plug that is simple to terminate and meets Cat 6A performance requirements is also ideal in data centres, premise network applications, premise automation such as lighting, HVAC and other environmental sensor applications.



## Features and Advantages

Supports 10gb networks

Designed to accommodate conductors from 22 AWG - 26 AWG

TIA-568-C.2 Category 6A component performance

UL listed

Ideal for wireless access points and IP-enabled devices, data centres and premise network applications

## Specifications

### MECHANICAL

Transmission performance: Cat.6A/Class EA Direct attach link and channels

Plug protection category: IP 20

Wiring label: TIA 568A/B & PNO

Termination capability:

Solid wire: 22-26 AWG

Stranded wire: 22-27 AWG

Retermination capability:

- 22 AWG solid wire and 27 AWG stranded wire: recommended 5 times max.

- 23~26 AWG solid wire: 20 times

Supporting cable diameter: 6-9mm

Plug Housing: Zinc Alloy

Plug Pins: Phosphor bronze with 50u" gold plating

Durability: 750 mechanical cycles

### ELECTRICAL

Current rating: 1.5A

Dielectric withstanding voltage: 1000V DC

Insulation resistance: 500M  $\Omega$  min.

Contact resistance: 20m  $\Omega$  max

### COMMERCIAL STANDARDS

IEC 60603-7-5

UL Listed

## Ordering Information

Order No.	SAP No.	Description
KSP-00001	183010086	Category 6A Field Termination Plug

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