

Features and Benefits

Molex’s Category 6A field terminable plug is designed to support 10 Gigabit 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 design 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.

Commercial Standards

IEC 60603-7-5
UL Listed

Technical Information

Mechanical Characteristics

Transmission performance: Cat.6A/
Class EA
Plug protection category: IP 20
Wiring label: TIA 568A/B & PNO
Termination capability:
Solid wire 22~26 AWG
Stranded wire 22 ~27 AWG
Re-termination capability: 5 times
Supporting cable diameter: 6~9mm
Plug Housing: Zinc Alloy
Plug Pins: Phosphor bronze with 50u” gold plating
Durability: 750 mechanical cycles

Electrical/Optical Characteristics

Current rating: 1.5A
Dielectric withstanding voltage: 1000V DC
Insulation resistance: 500M Ω MIN.
Contact resistance: 20m Ω MAX



ORDERING INFORMATION

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

MOLEX PREMISE NETWORKS

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