FMK10G

SL FMK Series Modular Jack, Cat6A

Product Classification

Regional Availability	Australia/New Zealand
Portfolio	NETCONNECT®
Product Type	Modular jack
Product Series	KJ Series

General Specifications

ANSI/TIA Category	6A
Cable Type	Unshielded
Conductor Type	Solid | Stranded
Mounting	Clipsal/HPM faceplates
Outlet Type	Standard
Termination Tool	SL Termination tool
Termination Type	IDC
Transmission Standards	ANSI/TIA-568.2-D | ISO/IEC 11801 Class EA
Wiring	T568A | T568B

Dimensions

Panel Thickness, recommended	1.6 mm | 0.063 in
Height	16.2 mm | 0.638 in
Width	21.5 mm | 0.846 in
Depth	33.08 mm | 1.302 in
Compatible Cable Diameter, maximum	7.24 mm | 0.285 in
Compatible Insulated Conductor Diameter, maximum	1.45 mm | 0.057 in
Contact Plating Thickness	1.27 µm
Compatible Conductor Gauge, solid	22 AWG | 24 AWG
Compatible Conductor Gauge, stranded	24 AWG | 26 AWG

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Electrical Specifications

Remote Powering

Fully supports the safe delivery of power over LAN cabling described by IEEE 802.3bt (Type 4) and complies with the unmating under electrical load requirements prescribed by IEC 60512-99-002

PoE Durability

Supports IEEE 802.3bt Type 4 (90 W) applications after 3000 plug to jack mating cycles

Material Specifications

Contact Base Material

Beryllium copper

Contact Plating Material

Gold

Material Type

Copper alloy | High-impact, flame retardant, thermoplastic | Polycarbonate

Environmental Specifications

Operating Temperature

-10 °C to +60 °C (+14 °F to +140 °F)

Storage Temperature

-40 °C to +70 °C (-40 °F to +158 °F)

Flammability Rating

UL 94 V-0

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