FMK10G

Base Product



Product Classification

Regional Availability Portfolio **Product Type**

Product 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 IS
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

SL FMK Series Modular Jack, Cat6A

Australia/New Zealand **NETCONNECT®** Modular jack KJ Series

s ISO/IEC 11801 Class EA

Page 1 of 2

©2025 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: January 28, 2025



FMK10G

Compatible Conductor Gauge, stranded	24 AWG 26 AWG
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 greater than 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 RatingUL 94 V-0

Page 2 of 2

©2025 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: January 28, 2025

