

SUPPORTING SHORTWAVE  
WAVELENGTH DIVISION  
MULTIPLEXING  
(SWDM) TECHNOLOGY



## BENEFITS AND FEATURES

Designed to work over a wide range of wavelengths between 850nm and 950nm, but specifically at wavelengths 850nm, 880nm, 910nm, and 940nm

Supports SWDM (shortwave wavelength division multiplexing) technology which can reduce fiber counts in optical transmission

Supports all legacy applications including existing data center infrastructures and allows for future-generation applications to support a high speed data center

Can extend patch cord link reach to 150m with the same types of fiber optic transceivers, providing another choice for data center optimization

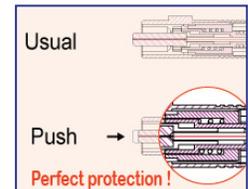
Factory installed fiber stubs using high quality fiber provide verified performance

Factory polished and inspected ferrule end faces ensure optimum fiber optic connectivity and easy termination

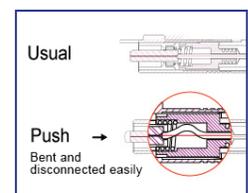
FOCIS compliant connector interfaces

Internal testing to verify performance and compliance with Telecordia GR-326 and EIA-568

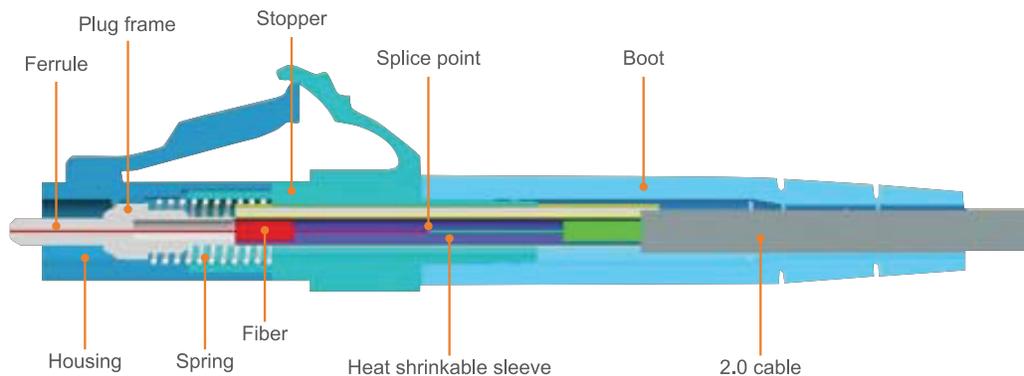
Ideal for use in high density medium and long-range optical transmission circuits for FTTH, LAN, CATV, data center and passive optical LAN



SWIFT FUSION SOC



OTHER FUSION SOC'S



## ORDERING INFORMATION

PART NUMBER*	DESCRIPTION
LCS-OM5-UPC-09/SA	Multimode, OM5, UPC, 900 micron

\* Above part numbers are Simplex Connectors. For Duplex Connectors, substitute "S" with "D" in the part number.



## RELATED PRODUCTS

SYSTEM	DESCRIPTION
KF4A	Active V-groove Clad Alignment Splicer, includes hard case (Includes (2) HS-900um holders, (1) KF4-ILC holder, (1) KF4-SC/FC holder) —Fiber and Connector Holder sold separately—
HS-250	250um Fiber Holder (pair)—KF4A
HS-900	900um Fiber Holder (pair)—KF4A
HS-LS-900L	Loose Tube Fiber Holder (left side only)—KF4A
KF4-SC	SC Connector Holder—KF4A
CK-01	Splicer Cleaning Kit
CK-02	Connector Cleaning Kit



## PERFORMANCE SPECIFICATIONS

ITEM	SINGLEMODE		MULTIMODE
	UPC	APC	UPC
Tensile	>60 newtons		
Return Loss	>50dB	>65dB	>30dB
Insertion Loss	average <.20dB (max <.30dB)		



## FIBER IDENTIFICATION FOR SPLICE-ON CONNECTOR

FIBER	FIBER STUB	CONNECTOR BODY
OM5	lime green	beige