

FIELD-INSTALLABLE FUSION SPlice-ON CONNECTOR



Swift F1 is the highly sophisticated and integrated clad alignment fusion splicer, which has been designed to perform the major 5 multifunctional features systematically: heating, stripping, cleaning, cleaving, splicing and sleeving.

The structural and complementary features of Swift-F1 have been applied to the design of Swift Connectors to resolve the hard-pressing problems of mechanical connectors that has persisted from the past : low quality, weak durability and high maintenance cost. Swift-F1 has turned around the way that the connector users, who were used to think previously, as from the installation and maintenance costs of splice-on connector had been more expensive than mechanical connector to more cost-effective than mechanical connector.

FEATURES

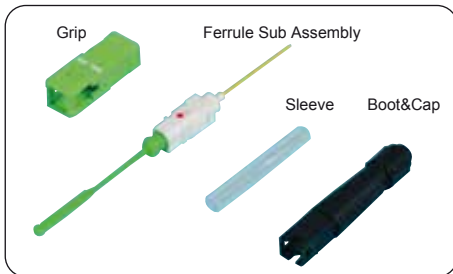
- Accordance with IEC61754-4, KS C6974(F04), JIS C5973(F04)
- Telcordia GR-326-core tested
- Possible to directly splice with Drop cable & Indoor cable
- Splicing point is inside of Connector, No need extra splicing works
- Enhanced high quality with improved optical features (Splice Loss & Return Loss)
- Enhanced & improved highly Tensile Strength (exceeding 60N)
- Composed of 4(Four) parts, after splicing can be easily assembled with One-Touch, Push-Pull System
- Satisfied with Vertical Burn Test Materials Compliance with UL94V-0

TECHNICAL SPECIFICATION

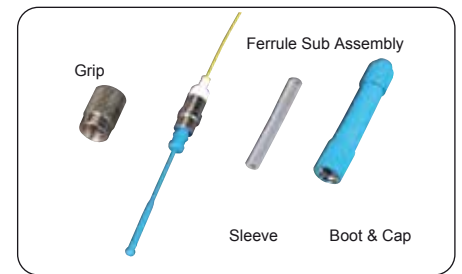
Item	SC				LC				FC			
	Single Mode (SM)		Multi Mode (MM)		Single Mode (SM)		Multi Mode (MM)		Single Mode (SM)		Multi Mode (MM)	
	UPC	APC	UPC		UPC	APC	UPC		UPC	APC	UPC	
Fiber	SM 9/125		OM1 (MM62.5/125)	OM2 (MM50/125)	SM 9/125		OM1 (MM62.5/125)	OM2 (MM50/125)	SM 9/125		OM1 (MM62.5/125)	OM2 (MM50/125)
Insertion Loss	≤average 0.2dB (≤max 0.3dB)				≤average 0.2dB (≤max 0.3dB)				≤average 0.2dB (≤max 0.3dB)			
Return Loss	≥50dB	≥60dB	-		≥50dB	≥60dB	-		≥50dB	≥60dB	-	
Tensile Strength	≥34.3N(≥3.5kgf) for 0.9mm Fiber ≥60N(6.1kgf) for 2.0, 3.0mm cable, Indoor Cable				≥40N for 0.9mm, 2.0mm Fiber							
Repeating Operation Test	500Cycle, ≤0.2dB				500Cycle, ≤0.2dB				500Cycle, ≤0.2dB			
Temperature Range	-40~+85°C				-40~+85°C				-40~+85°C			
Cable	0.9mm, 2.0, 2.4, 3.0, Indoor cable(2mmx3mm)				0.9mm, 2.0mm Cable				0.9mm, 2.0, 2.4, 3.0, Indoor cable(2mmx3mm)			

CONNECTOR TYPE

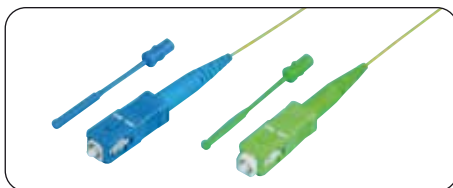
SC Indoor Swift Connector (Before Assembly)



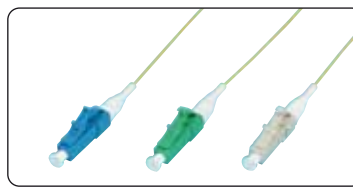
FC Indoor Swift Connector (Before Assembly)



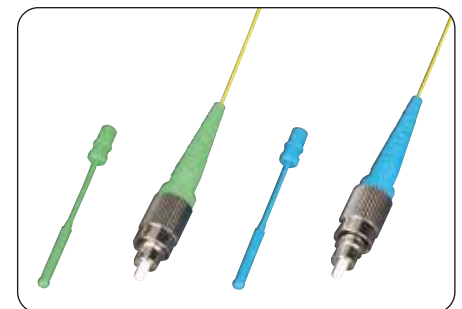
SC Swift Connector (0.9mm Fiber)



LC Swift Connector Simplex Type (0.9mm Fiber)

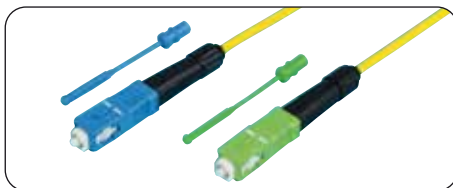


FC Swift Connector (0.9mm Fiber)

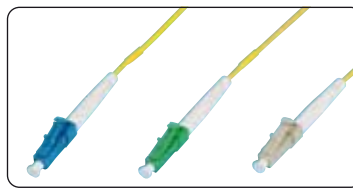


Clamp Type

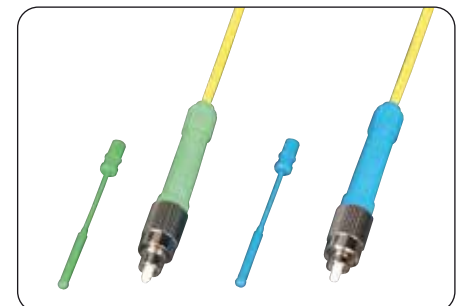
SC Swift Connector (2.0~3.0mm, Indoor Cable)



LC Swift Connector Simplex Type (2.0mm)

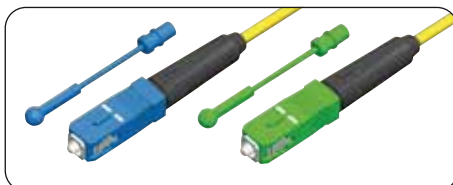


FC Swift Connector (2.0~3.0mm Cable)

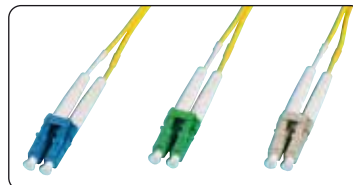


Boot Type

SC Swift Connector (2.0~3.0mm, Indoor Cable)



LC Swift Connector Duplex Type(2.0mm)



ORDERING INFORMATION

PART NUMBER:

OUT-SWIFT CONNECTOR- SC - SM - UPC - 30 - C

① ② ③ ④ ⑤

①	Connector Type	SC, LC, FC
②	Polishing Type	UPC, APC
③	Fiber Type	SM, OM1, OM2, OM3
④	Cable Type	09: 900um, 20: 2mm, 24: 2,4mm, 30: 3mm, IN: Indoor Cable
⑤	Locking Type	C: Clamp Type, B: Boot Type (only 2.03.0mm, Indoor Cable)