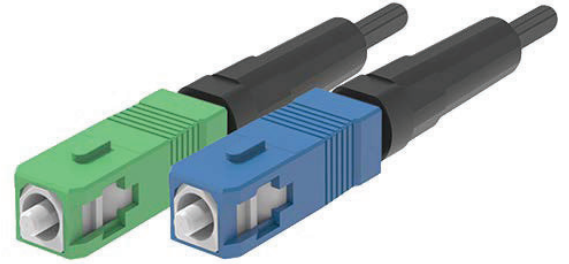


## Product Features

- Enhanced fibre optic cable connectivity with lower Insertion Loss & excellent Optical Return Loss performance.
- Improved tensile strength (i.e. exceeding 60N).
- Hardened back-boot design provides superior strain relief for FTTx Drop Cable & Indoor Cable applications.
- Precision fibre splicing point located inside of assembled connector, no need for mechanical splicing/index-matching gel
- High-quality ferrules with factory-polished/cleaned end-faces



## Product Description

Introducing UCL Swift Fusion Splice-On Connectors (FSOCs). Experience unmatched optical performance with fusion-spliced fiber connectors and precision-polished ferrule end faces.

These field-installable FSOCs offer enhanced tensile strength for high-quality terminations, comply with industry standards, and undergo rigorous testing for fiber optic Drop Cable or Indoor Cable connectivity.

Ideal for point-to-point or passive optical network deployments, including FTTx, 4G/5G x-haul, data center interconnect and LAN/WAN for datacom and telecom applications.

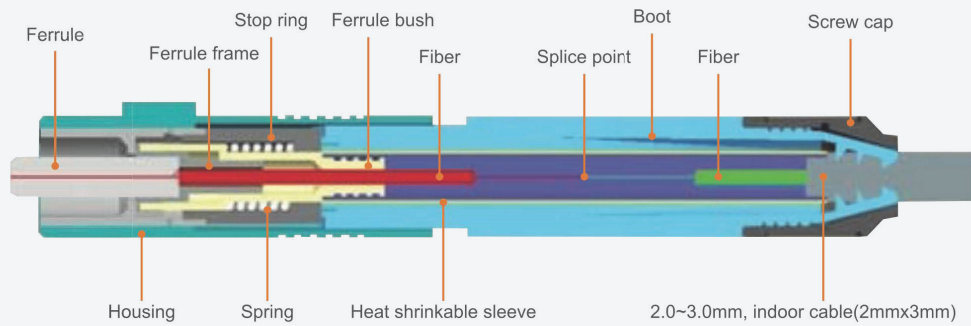
## Approved Standards

- |                       |                              |
|-----------------------|------------------------------|
| • Strength & Geometry | Telcordia GR-326-CORE, 4.4.5 |
| • FOCIS Compliance    | FOCIS-3 for SC               |
| • Intermateability    | IEC61754-4; TIA/EIA 604-3    |
| • End-Face            | IEC61300-3-35                |
| • Material            | RoHS, UL94V-0                |
| • Signal Performance  | ANSI/TIA 568-C.3             |

## Connector Specifications

	UPC	APC
Fiber Type	G.657.A1	G.657.A2
Optical Return Loss	≥ 55 dB	≥ 65 dB
Insertion Loss		
typ		≤ 0.15 dB
max		≤ 0.30 dB
Tensile Strength		≥ 60N
Repeating Operation	500 Cycle, ≤ 0.2dB	
Temperature		
Operational	-40°C to +85°C	
Storage	-40°C to +85°C	
Dimensions		
Connector (HxWxL)	8.6 x 9.0 x 56mm	
Sleeve Length	32mm	

## Product Schematic



- Only two (2) sources of Insertion Loss: (1) connector end-face and (2) arc fusion splice point.
- Precision splice point is protected within assembled connector.
- Hardened back boot screw cap provides superior strain relief.

## Ordering Information

FONEX is an authorized distributor of UCL Swift North America™

### APC-based FSOC:

FNX FSOC-SC-APC\_SM\_2-3mm

### UPC-based FSOC:

FNX FSOC-SC-UPC\_SM\_2-3mm

**Please contact your FONEX representative for more information.**



UCL Swift patent, registered trademark & brand policy information can be found via [uclswift.com](http://uclswift.com).

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