

SC, LC, FC and ST Splice-on Connector

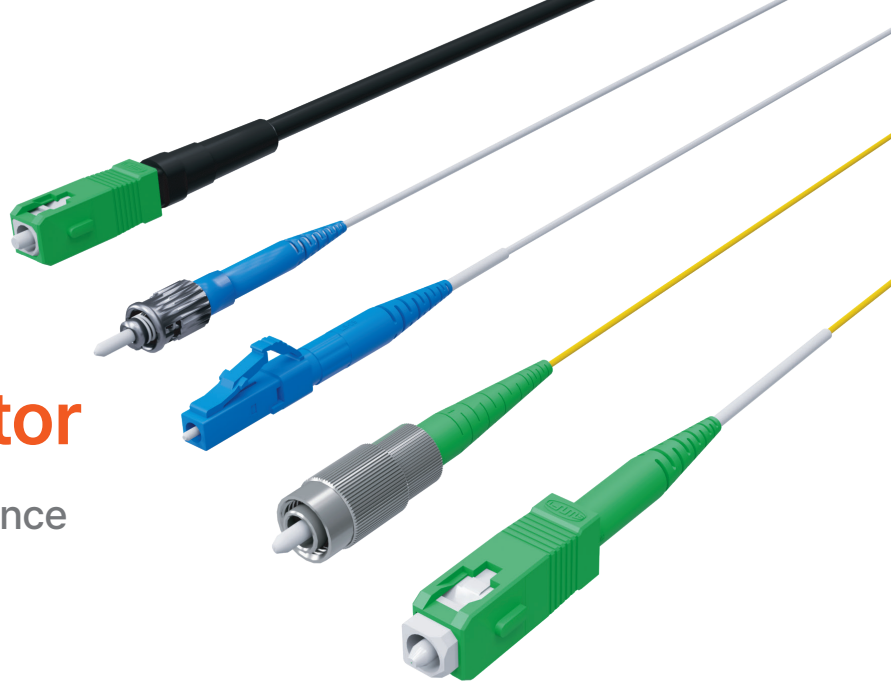
Fast, Reliable, and High-Performance
Field Terminations

Features and Benefits

- 1 Eliminates cable shorts and unnecessary slack. Simple and fast ribbonizing kit (RBN12-FR-ST-Kit), takes about 7 minutes.
- 2 It allows installers to reduce service delivery, operation, and maintenance time.
- 3 FSOC's help eliminate excess cable length. They are costeffective when compared to preterminated drop cables.
- 4 25-year warranty available.
- 5 Made in USA and TAA compliant connectors available.

Connector Color Code

Fiber		Fiber Stub Color	Housing Color
OM1		Orange	Beige
OM2		Gray	Beige
OM3		Aqua	Aqua
OM4		Violet	Aqua
SM (G.652.D)	UPC	Yellow	Blue
	APC	Yellow	Green
SM (G.657.A1)	UPC	White	Blue
	APC	White	Green
SM (G.657.A2)	UPC	Blue	Blue
	APC	Blue	Green
SM (G.657.A3)	UPC	Red	Blue
	APC	Red	Green



Product Description

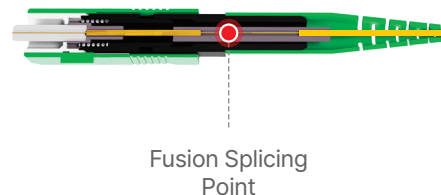
UCL Swift's SC, LC, FC and ST FSOC's (Fusion Splice-On-Connectors) are field installable and provide easy, reliable, permanent terminations while complying with international standards. Fusion splice-on connectors provide a more stable and higher performance termination than mechanical field-installable connectors.

Terminations can quickly be performed using UCL Swift's advanced fusion splicers.

Thermal stripping and fusion splicing ensure
reliable, lasting performance



KF4A-HDC
Fusion Splicer



Fusion Splicing
Point

Performance Specifications

General	Connector Type SC/UPC & SC/APC, LC/PC & LC/APC, ST/UPC & ST/APC	Fiber Type SM & MM
	Cable 0.9 / 3.0(2.0) mm	Boot Soft Boot / Hard Boot (SC type)
Optical Performance	Single mode (OS1 & OS2) Insertion Loss Typ. 0.15dB, Max 0.30dB Return Loss min. 55dB(UPC), 65dB(APC)	Multi mode (OM1, OM2, OM3 & OM4) Insertion Loss Typ. 0.10dB, Max 0.25dB Return Loss min. 30dB
Intermateability	Standard SC : IEC 61754-4, TIA/EIA-604-3 LC : IEC 61754-20, TIA/EIA-604-10	FC : IEC 61754-13, TIA/EIA-604-4 ST : IEC 61754-2, TIA/EIA-604-2
Reliability	Standard TIA-568-C.3 & GR-1081-CORE (Environmental Requirement)	
Material Compliance	Standard RoHS, UL94V-0	



Ordering Information

SC - OM1 - APC - 09¹

SC	OM1	APC	Angled Physical Contact	09-USA *	900um Jacket
ST	OM2	UPC	Ultra Physical Contact	20/30	2-3mm Jacket
FC	OM3	End Face Type		20	2mm Jacket for LC only
LCS (Simplex LC)	OM4			30	3mm Jacket for LC only
LCD (Duplex LC)	SM				

Jacket Diameter

* USA made LC and SC connectors available in the following designs: SM-UPC-900um, SM-APC-900um, OM1-UPC-900um, OM4-UPC-900um.

¹ For TAA compliance, add -TAA to the part number.

Related Products

Classification	Model
Fusion Splicer	KF4/KF4A(HDC), K33/K33A(HDC)
FSOC Holder	HS-SC/FC, HS-ILC, HS-ST FSOC Holder right on K33/K33A HF4-SC/FC, HF4-ST, HF4-ILC FSOC Holder right on KF4/KF4A
Fiber Holder	HS-250, HS-900, HS-2.5F, HS-IN, LS-900 Fiber Holder, left on K33/K33A and KF4/KF4A