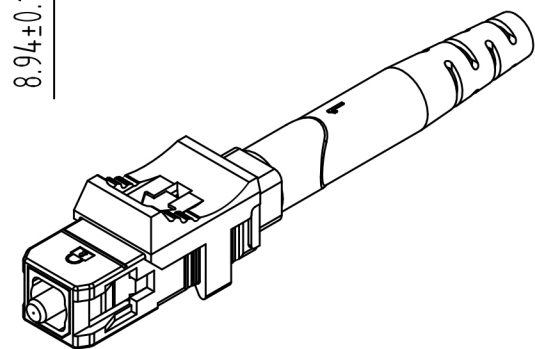
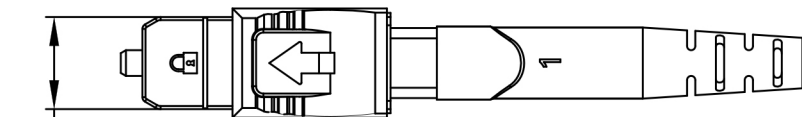
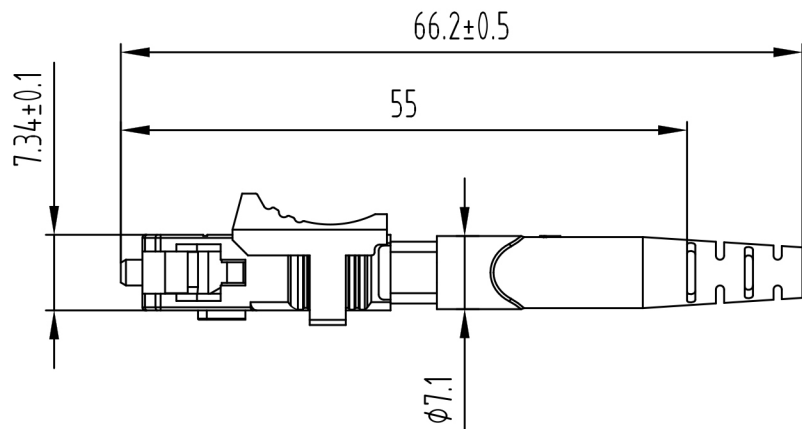


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ZONE	REV.	DESCRIPTION	DATE	APPV.
-	A	INITIAL RELEASE	4/18/2023	E.A.
-	B			
-	C			
-	D			



Specification

Termination	Mechanical Splice
Applicable Cable type	3mm, 2mm jacketed cable; 900µm or 250µm buffered cable; 2x3mm drop cable
Mode	Single Mode
Insertion Loss	AVG ≤0.3 db, MAX≤ 0.5 db
Return Loss	Single Mode UPC≥ 45 db, APC≥ 50 db
Tensile Strength	≥ 30 N (900µm≥ 5N)
Repeat Assembly	≥ 3 Times
Mechanical Endurance	500 Times
Operating Temperature	-25°C - 75°C

P/N	Housing Color	Connector Polish
940A-SC-10	Green	APC
940-SC-10	Blue	UPC

Packaging: Pack of 10 connectors



e-mail...sales@dynacomcorp.com  
www.dynacomcorp.com

DIMENSIONS: MM

NEXT ASSY: -

DRAWN: E.A.

CHECKED: A.L.

TITLE

FIELD INSTALLABLE SC CONNECTOR

DWG. NO.

940-SC

SHEET 1 OF 1

REV.

A

# Instruction Sheet

## Field Installable Optical Fiber Connector





### SC Connector

940-SC-10/ 940A-SC-10

## Installation Manual



Items in the box	
 SC Connector	10x
 Tail Boot	
 900 μm Boot	
 Buckle	
 Cutting Jig*	1x

\* Cutting Jig with metal piece is for SC connector.  
No metal piece for LC connector.

Tools needed for installation				
 Fiber Stripper	 Kevlar Cutter	 99% Alcohol	 Fiber Cleaver	 Marker

## Applications

page

3mm/2mm Round Cable	2
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250 μm /900 μm Round Cable	3
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3.0x2.0mm Drop Cable	4
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# Instruction Sheet

## Field Installable Optical Fiber Connector



### SC Connector

940-SC-10/ 940A-SC-10



### 3mm/2mm Round Cable



1 Insert the cable into the tail boot.

2 Strip the cable jacket.

50mm  
(Reference, not actual length)

3 Mark the stripping point.

Push 900um fiber backward  
Jacket must meet the metal piece

4 Strip the fiber with Fiber Stripper.

mark

5 Inspect the fiber integrity.

Bent the fiber slightly at 60°

6 Clean the stripped fiber with the lint-free wipe and alcohol.

7 Cut the fiber to proper length.

Bare fiber

8 Desired cutting length.

29.6mm  
9-10mm  
900um fiber Bare fiber  
(Reference, not actual length)

9 Insert the fiber into connector, till fiber meets inside. Press the cable down into the slot.

visible

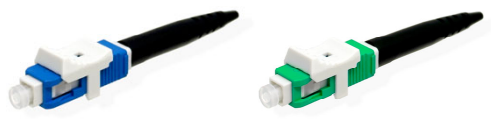
10 Press the pusher forward to lock the fiber till the lock symbol is covered. Cover the fiber with buckle.

covered

11 Remove the pusher, straight the Kevlar, wrap it into the grooves.

12 Push up the tail boot to cover Kevlar, trim the excess Kevlar, then push tail boot to the housing.

**SC Connector**  
 940-SC-10/ 940A-SC-10



**250 μm / 900 μm Round Cable**

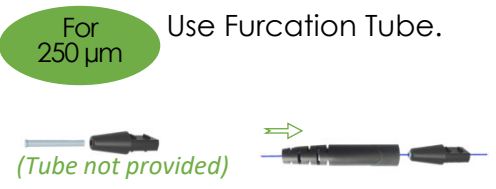
**Parts**



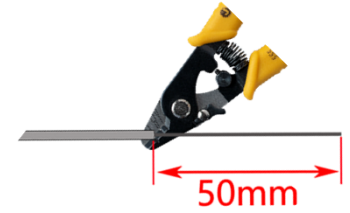
**Tools**



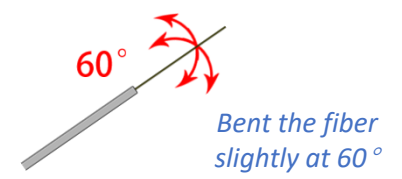
1 Insert the cable into the tail boot.



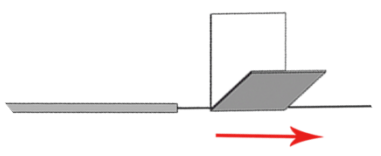
2 Strip the fiber with Fiber Stripper.



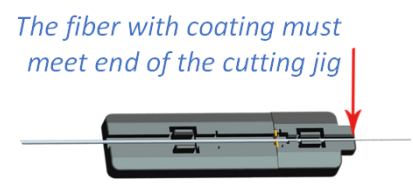
3 Inspect the fiber integrity.



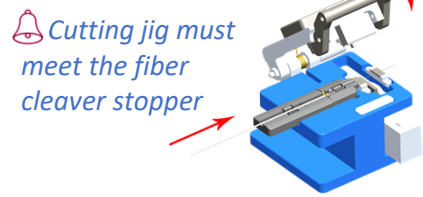
4 Clean the stripped fiber with the lint-free wipe and alcohol.



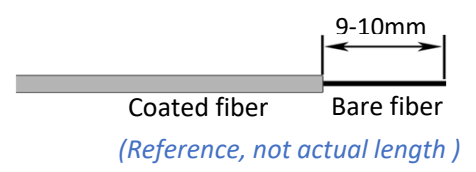
5 Attach to the cutting jig.



6 Cut the fiber.



7 Desired cutting length.



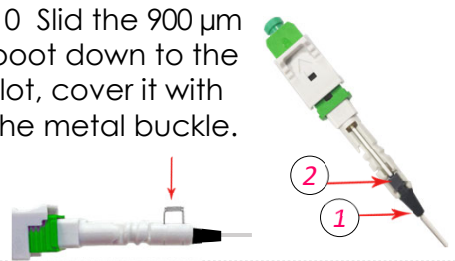
8 Insert the fiber into connector, till fiber meets inside.



9 Press the pusher forward to lock the fiber till the lock symbol is invisible.



10 Slid the 900 μm boot down to the slot, cover it with the metal buckle.



12 Complete the termination by removing the pusher and pushing up the tail boot completely.



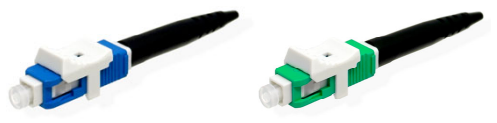
# Instruction Sheet

## Field Installable Optical Fiber Connector



### SC Connector

940-SC-10/ 940A-SC-10



### 3.0x2.0mm Drop Cable



1 Insert the cable into the tail boot.

2 Strip the cable jacket.

*Strip Cable to the end of the fiber support*

3 Strip the fiber with Fiber Stripper.

*Remove the fiber buffer*

*Jacket must meet the metal piece*

4 Inspect the fiber integrity.

*Bent the fiber slightly at 60°*

5 Clean the stripped fiber with the lint-free wipe and alcohol.

6 Replace the fiber on cutting jig.

*Jacket must meet the metal piece*

7 Cut the fiber to proper length.

*Cutting jig must meet the fiber cleaver stopper*

8 Desired length.

29.6mm  
8-10mm  
250um fiber Bare fiber  
*(Reference, not actual length)*

9 Insert the fiber into connector till fiber meets inside. Jacket meets the bottom limit.

*Limit*

*visible*

10 Press the pusher forward to lock the fiber till the lock symbol is invisible.

*Fiber slightly bending*

*covered*

11 Cover the cable with the metal buckle and remove the pusher.

*Metal buckle*

12 Push tail boot to the housing completely.