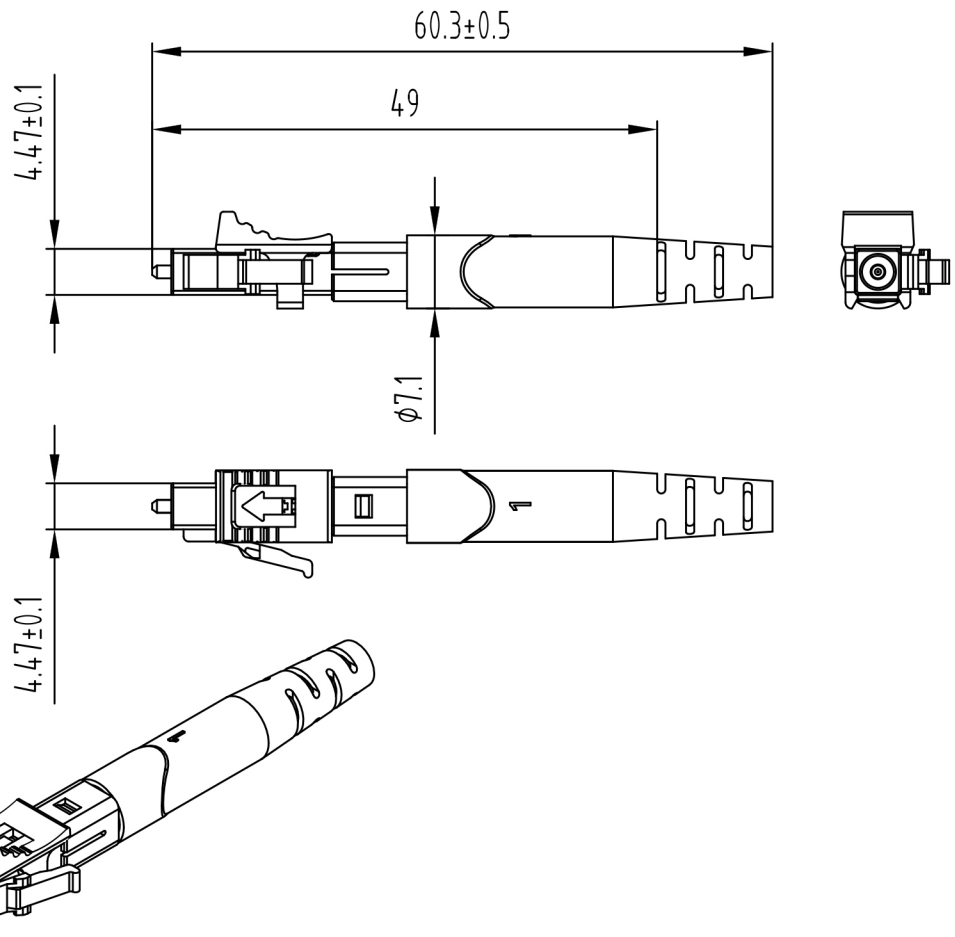


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ZONE	REV.	DESCRIPTION	DATE	APPV.
-	A	INITIAL RELEASE	4/18/2023	E.A.
-	B			
-	C			
-	D			



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-LC-10	Green	APC
940-LC-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	DWG. NO.	SHEET 1 OF 1	REV.
FIELD INSTALLABLE LC CONNECTOR	940-LC		A

Instruction Sheet

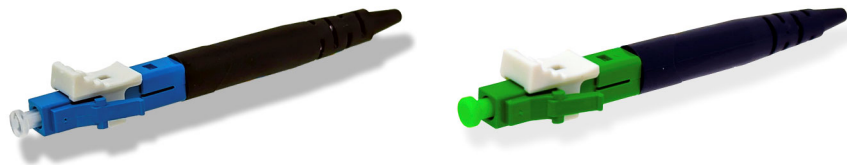
Field Installable Optical Fiber Connector



LC Connector

940-LC-10/ 940A-LC-10

Installation Manual



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

* Cutting Jig for LC connector is plastic only, no metal parts on it.

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

Applications

page

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

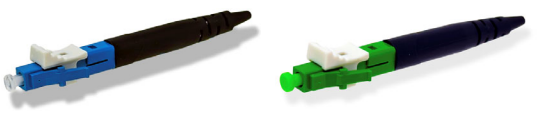
Instruction Sheet

Field Installable Optical Fiber Connector



LC Connector

940-LC-10/ 940A-LC-10



Parts



3mm/2mm Round Cable

Tools



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 jig limit

4 Strip the fiber with Fiber Stripper.

mark

5 Inspect the fiber integrity.

Bend 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.

Check the position

10 Press the pusher forward to lock the fiber, cover fiber with the metal buckle.

Install the buckle

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.

Instruction Sheet

Field Installable Optical Fiber Connector



LC Connector

940-LC-10/ 940A-LC-10

250 μm / 900 μm Round Cable

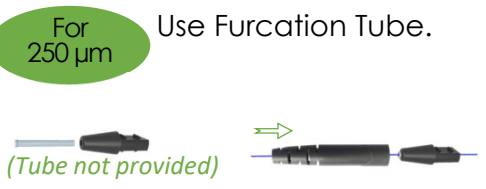
Parts



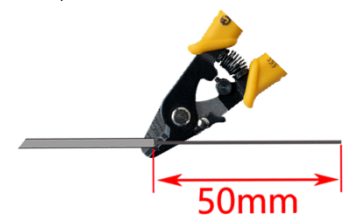
Tools



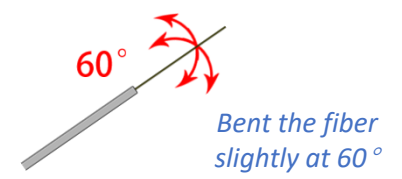
1 Insert the cable into the tail boot.



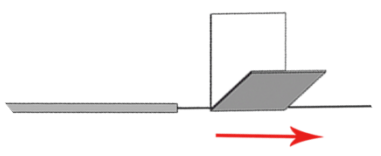
2 Strip the fiber with Fiber Stripper.



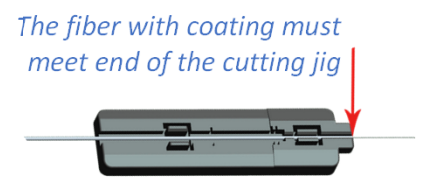
3 Inspect the fiber integrity.



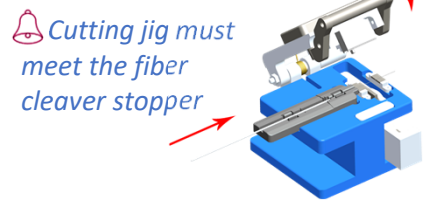
4 Clean the stripped fiber with the lint-free wipe and alcohol.



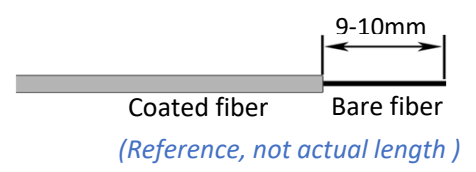
5 Attach to the cutting jig.



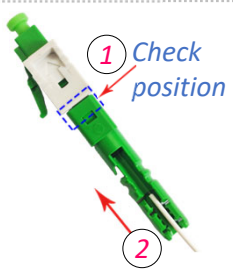
6 Cut the fiber.



7 Desired cutting length.



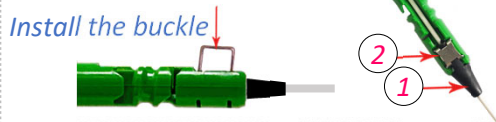
8 Insert the fiber into connector, till fiber meets inside.



9 Press the pusher forward to lock the fiber.



10 Slide 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.



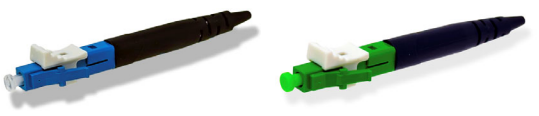
Instruction Sheet

Field Installable Optical Fiber Connector



LC Connector

940-LC-10/ 940A-LC-10



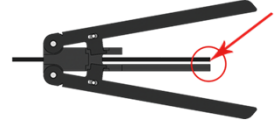
3.0x2.0mm Drop Cable



1 Insert the cable into the tail boot.



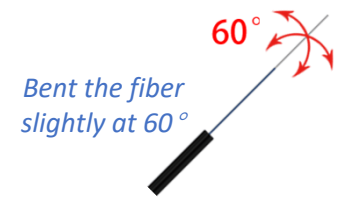
2 Strip the cable jacket.
Strip Cable to the end of the fiber support



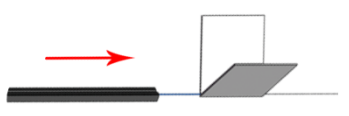
3 Strip the fiber with Fiber Stripper.
Remove the fiber buffer
Jacket must meet jig limit



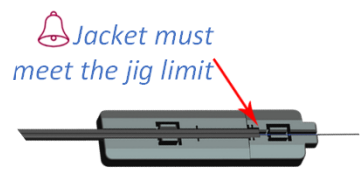
4 Inspect the fiber integrity.
Bent the fiber slightly at 60°



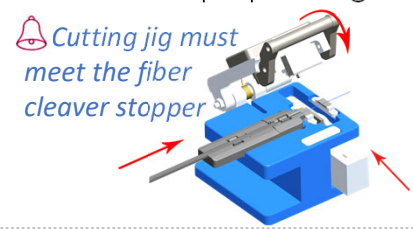
5 Clean the stripped fiber with the lint-free wipe and alcohol.



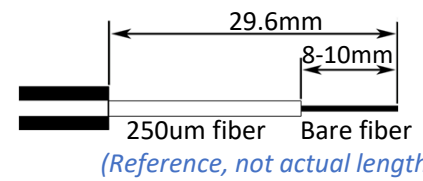
6 Replace the fiber on cutting jig.
Jacket must meet the jig limit



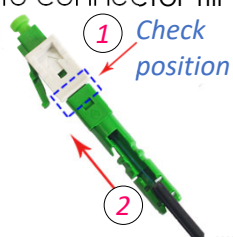
7 Cut the fiber to proper length.
Cutting jig must meet the fiber cleaver stopper



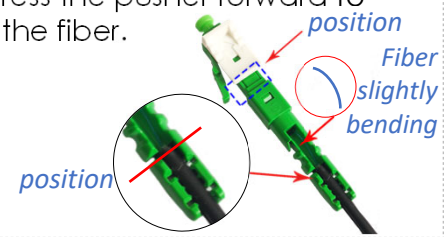
8 Desired length.
29.6mm
8-10mm
250um fiber Bare fiber
(Reference, not actual length)



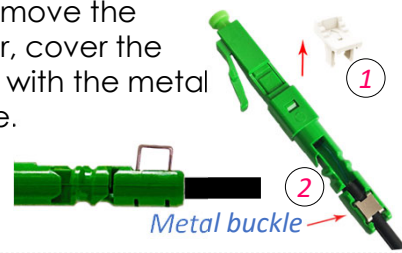
9 Insert the fiber into connector till fiber meets inside.



10 Press the pusher forward to lock the fiber.
position
Fiber slightly bending



11 Remove the pusher, cover the cable with the metal buckle.



12 Push tail boot to the housing completely.

