

# Assembly Instructions for Light-Seal® Crimp/Swage-on LC Connector

FiberFin part numbers FF-GIGSLC-LS and duplex FF-GIGDLC-LS

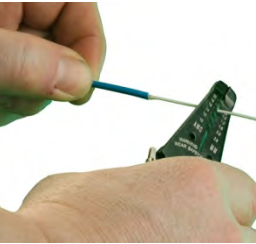
Chromis part numbers GigaPOF-CN-SLC-LDCR and GigaPOF-CN-DLC-LDCR

*This is a field installable Simplex and Duplex LC connector, Light-Seal® brand, especially designed for the Perflorinated graded index fiber*



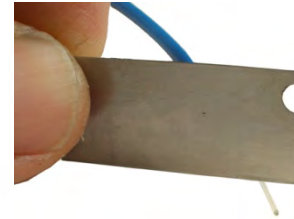
## Step 1

Prepare cable as shown. All distances are approximate, and can be cut by eye. Be careful not to nick the fiber when stripping the inner buffer.



## Step 2

Cut the front end of the fiber at a 45-degree angle



## Step 3

Push connector body back as far as it can go. Fold the yarn back over the cable sheath and under the back of the connector body. Be careful to avoid kinking the fiber.



## Step 4

Push the connector body back against the cable, and crimp the back of the connector body onto the cable sheath. Use the 0.128" (3.2 mm) crimp hex at the front of the crimp tool.



## Step 5

Use the nippers to cut the fiber just past tip of the ferrule. The amount of fiber protruding from the front of the connector should be 0.5 mm or less



## Step 6

Push the ferrule as far as it will go into the swaging jaws on the top of the crimp tool. Swage the ferrule on the fiber by compressing the handle of the crimp tool until it releases.



## Step 7

Polish for 20 seconds on 3 micron (pink) polishing paper, followed by 10 seconds on 0.3 micron (white) paper. Blow away dust using aerosol duster after each step.