PANDUIT

Supplemental Instructions For Terminating Panduit OptiCam Connectors using Opticom Fanout Kit

INDOOR PREMISE APPLICATION

Fanout Kit Part Numbers: FO6CB, FO12CB
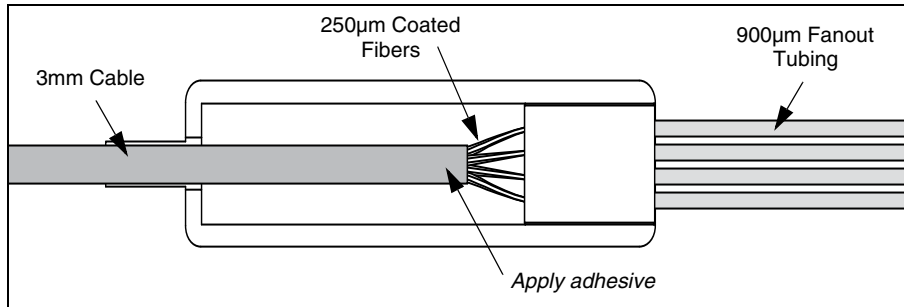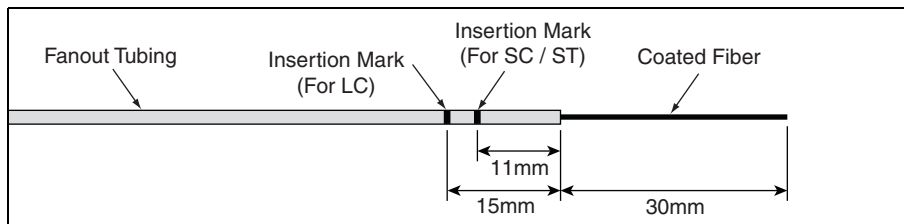
INSTALLATION INSTRUCTIONS **FS059A**
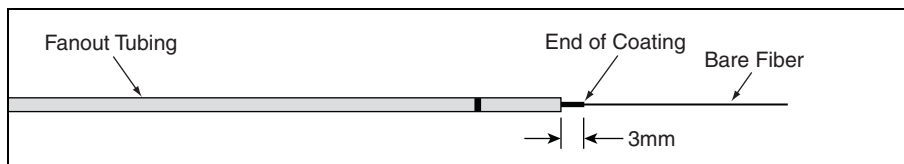
IMPORTANT! TURN OFF "FIT TO PAGE" WHEN PRINTING

1. Install the fanout kit according to the installation instructions FS047*.

2. Feed the 250µm coated fibers through the 900µm fanout tubing until at least 30mm of fiber protrudes from the end of the tubing. Trim the coated fibers to length at 30mm.

3. To reduce the amount of fiber movement, place a drop of adhesive (Loctite 401 or equivalent cyanoacrylate adhesive) at the point that the coated fibers exit the 3mm cable jacket.
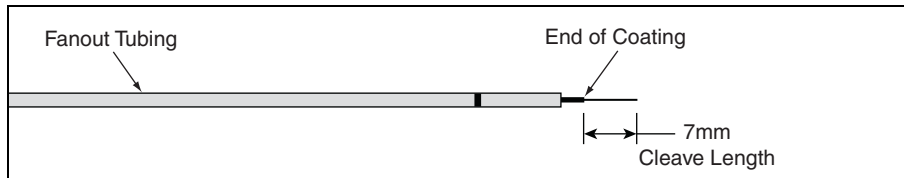

4. Place the 900µm boots onto the fanout tubing and slide them back out of the way.

5. Place an insertion mark on the fanout tubing, 15mm for LC and 11mm for SC or ST, back from the end of the tubing.

6. Place a coating removal mark on the coated fiber 3mm from the end of the fanout tubing. Strip the coating up to the coating removal mark. Note: The 3mm of coating extending from the end of the tubing is intended to compensate for fiber movement within the fanout tubing during termination.

7. Clean the bare fiber using an alcohol soaked lint-free wipe to ensure the fiber is free of all debris.

8. Cleave the fiber 7mm from the end of the fiber coating. Note: Cleave length from end of tubing is approx. 10mm.

9. With the connector mounted in the OptiCam termination tool, insert the cleaved fiber into the connector using constant light pressure until the fiber bottoms out on the fiber stub within the connector. The insertion mark on the fanout tubing should be in close proximity to the back of the connector.

10. Squeeze both clamp arms to open the clamp pads of the OptiCam termination tool. Place the fanout tubing between the open clamp pads and release the clamp arms. Slide the cradle holder towards the cable to create a bow in the fiber providing appropriate glass-to-glass mating pressure. Cam the connector to secure the fiber.

11. Turn on the laser and complete the termination as described in the appropriate OptiCam instruction sheet.

* Denotes instruction sheet revision.