CORNING

Important Tether Repair Practices

p/n 000-272, Issue 1

1. ACCESSING THE TETHER / OPTITIP® PIGTAIL

Step 1: Use the SST-Drop™ cable stripping tool (p/n FDST-000) to access the tether/OptiTip pigtail. Access enough fiber to do at least a 1.5 loops in the splice tray to allow enough slack for reworks. Typically, accessing 3 feet of fiber satisfies this requirement.

Step 2: Peel apart the cable sheath and trim the jacket and glass-reinforced plastic (GRP) flush with the access point.

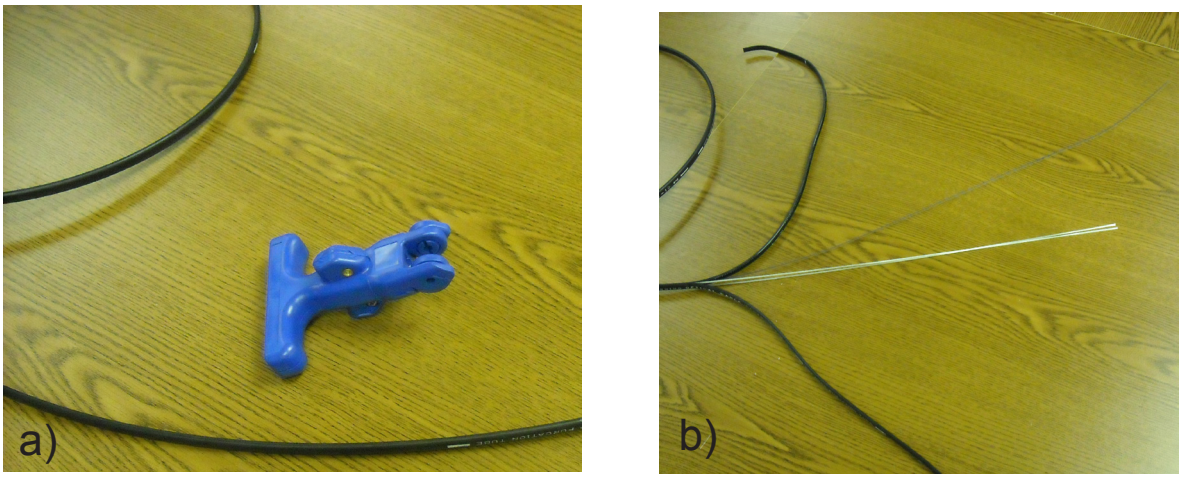

Figure 1 — a) SST-Drop Access Tool and Tether; b) Accessed Tether Cable

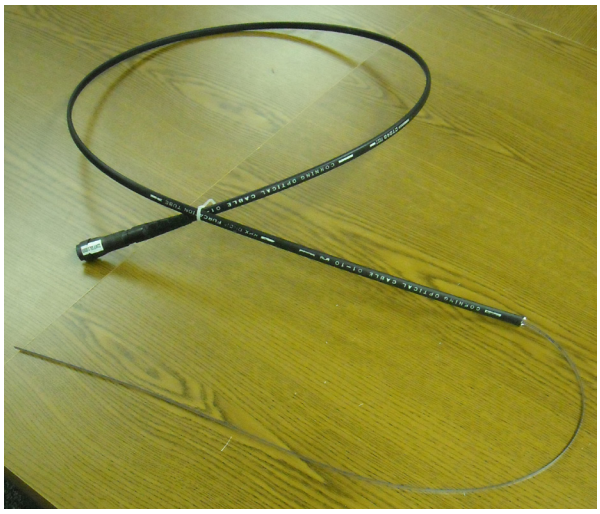

Figure 2 — Accessed Tether

IMPORTANT: Be sure not to place any strain or tension on the ribbon fiber during cable access or during fiber tray placement. Short- or long-term tension on the tether assembly can result in poor optical performance.

2. LOADING THE SPLICE TRAY

Step 1: Secure the main cable to the splice tray.

Step 2: Route the fiber in the tray. Per above instructions this should yield approximately 1.5 loops of fiber in the tray.

IMPORTANT: It is imperative to have enough fiber slack for possible resplicing and for minimizing the amount of possible tension placed on the fiber.

Figure 3 — Tethers and Ribbon Fiber loaded and spliced in a closure / splice tray

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