

SearchLite™ SC Connector Patch Cord Tracing For Universal Applications

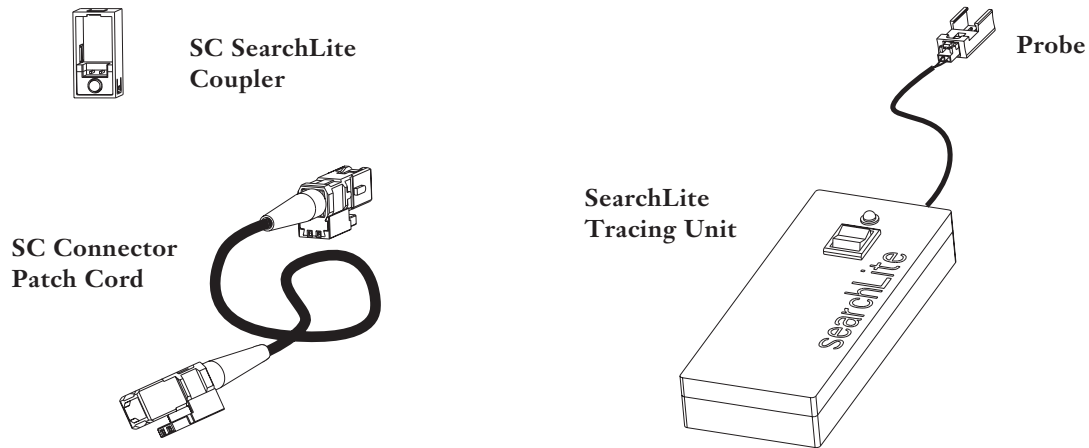


Figure 1

1. General

1.1 The SearchLite Tracing System allows quick and easy identification of the origin and termination points of fiber optic patch cords running from one fiber frame to another. A flashing LED-mechanism traces individual patch cords from one end to the other.

1.2 This procedure describes using the three main components of the SearchLite Tracing System: the SearchLite SC Coupler, the SearchLite SC Connector Patch Cord and the SearchLite Tracing Unit.

1.3 This document is being reissued to include updated corporate information.

2. Installation of the SearchLite SC Coupler

2.1 Identify the adapter's key way location. If the adapter key is on the right side, then position the SearchLite SC Coupler with the LED-mechanism below the adapter. If the adapter key is on the left side, then position the SearchLite SC Coupler with the LED-mechanism above the adapter (Figure 2).

2.2 Once the SearchLite SC coupler is positioned on the adapter, gently push the SearchLite SC Coupler over the SC adapter. If you feel resistance, lift the side latch on the SearchLite SC Coupler with your thumbnail or with tweezers and gently push the SearchLite SC Coupler over the SC adapter.

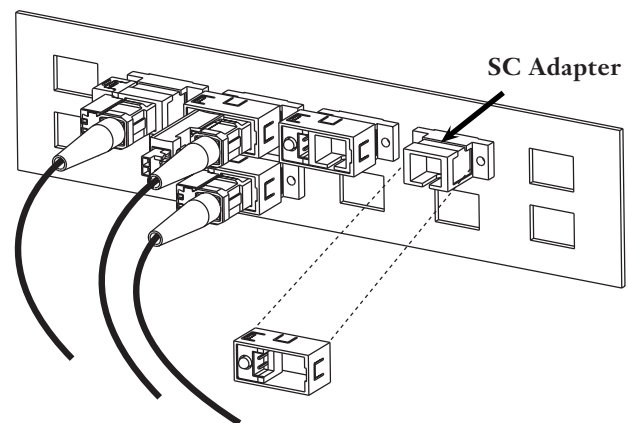


Figure 2

3. Installation of SearchLite SC Connector Patch Cord

Match the SC adapter's key way location with the SC Connector's key on the SearchLite SC Connector Patch Cord. Insert the SearchLite SC Connector Patch Cord into the SC adapter. Repeat this step to terminate the other end of the SearchLite SC Connector Patch Cord (Figures 2 and 3).

4. Testing

4.1 To trace the origin and termination points using SearchLite SC Patch Cord, slide the Probe of the SearchLite Tracing Unit under the SC connector of the SearchLite Patch Cord (located underneath the LED-mechanism).

4.2 Power on the SearchLite Tracing Unit. This should initiate the LED-mechanism lights on both SearchLite Couplers allowing a positive identification of both ends of the SearchLite SC Connector Patch Cord.

4.3 A magnet on back of the SearchLite Tracing Unit allows the installer to attach the unit to the metal frame, allowing hands-free testing.

5. SearchLite Battery Maintenance

A replaceable 9-volt battery provides more than 50 hours of continuous operation of the power supply.

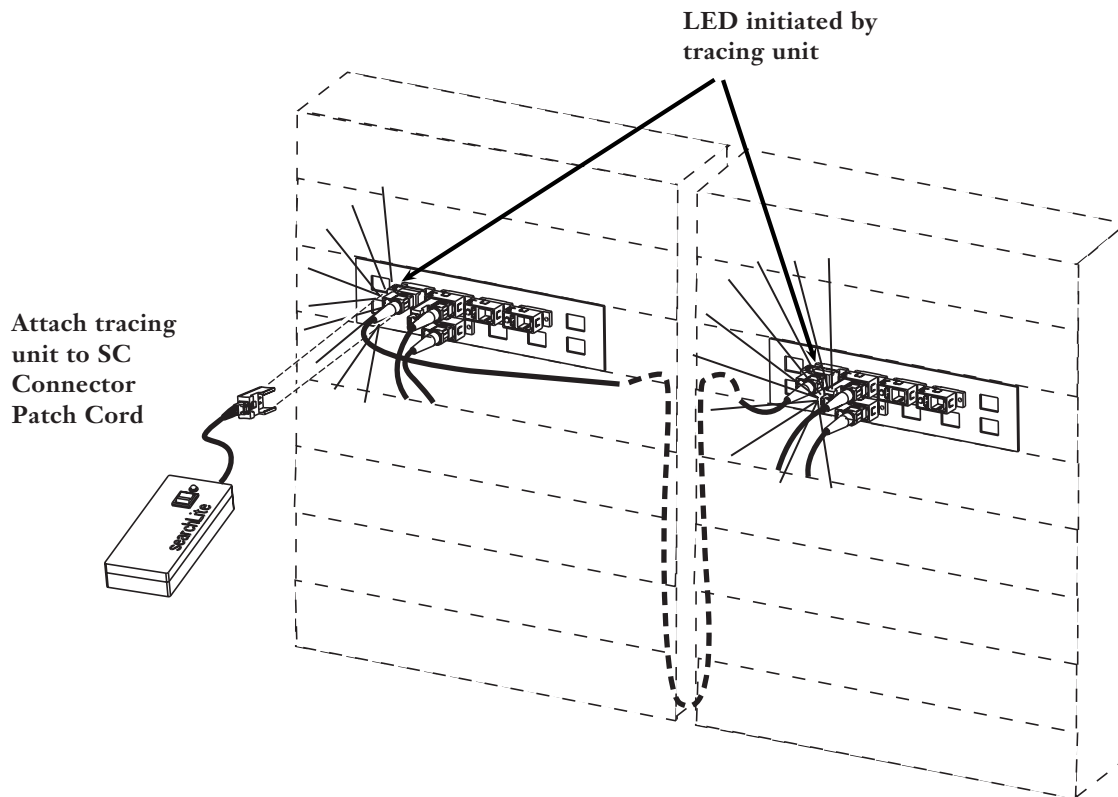


Figure 3

Special Note:
Fiber Optic
Training
Program



Corning Cable Systems offers comprehensive, integrated training programs. Courses are structured for: telephony, CATV, LAN, Intelligent Transportation Systems and Power Utilities.

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Training call: 800-743-2671.

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