



Fibrlok™ II Splice/Holder 2539

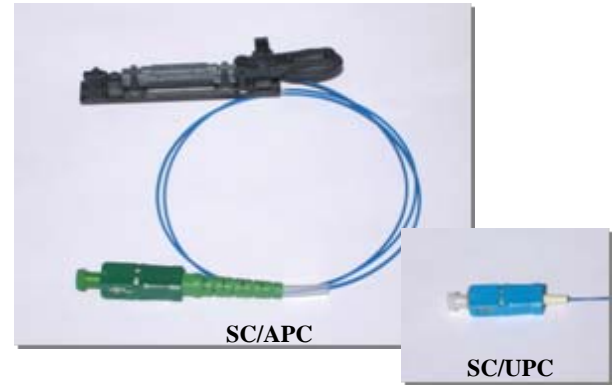
For 250µm and 900µm Tight Buffer Fibers

[Click Here for Instruction Manual](#)



Applications

- Inside or outside buildings
- Terminals
- Network interface devices (NIDs)
- Fiber distribution units
- Wall outlets



Description

3M Fibrlok II splice/holder integrates the 3M Fibrlok II splice 2529, actuation tool, and holder all in one package. It enables fast, on-site installation without a separate assembly tool or splice tray. Designed for restoration of broken fiber and the final Fiber-to-the-Premise (FTTP) drop connection, it can be easily used with singlemode or multimode fibers with 250µm or 900µm tight buffer.* Clamps on each side of the splice provide strain relief for the 900µm tight buffer for long-term stability and reliability. Very high bond tape on the bottom of the splice/holder permanently holds it at the splice location, which is especially useful at optical network terminals.

The Fibrlok II splice/holder is also available with a pre-terminated SC/APC or SC/UPC pigtail (0.75meters/ 30 inches) for easy installation. Pigtail is fabricated with 10mm radius, bend insensitive, zero water peak fiber.

| Features | Benefits |
|--------------------------------------|---|
| Integrated splice, holder & actuator | No need for separate tray or actuation tool |
| Push button actuation | Easy splice operation |
| Buffer clamps | Provide 900µm fiber strain relief |
| Foam retention pad | Used for 250µm fiber splicing |
| Adhere with VHB tape | Flexible placement within terminal box |
| Preterminated SC pigtail | Only one fiber needs to be prepared |

* The 3M Fibrlok II Splice/Holder is designed for 900µm tight buffer and 250µm primary coated fiber. To splice 900µm loose tube, semi-tight, or release layered fiber remove the 900µm coating within the last four inches or more from the fiber end to be cleaved.

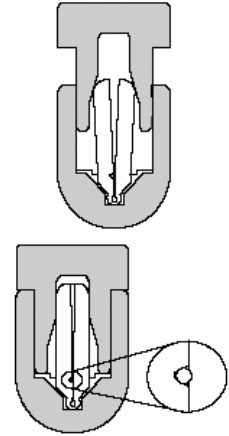
3M™ Fibrlok™ II Splice/Holder 2539

For 250µm and 900µm Tight Buffer Fibers

Specifications

| | |
|-----------------------|---|
| Dimensions | 12.9mmW x 12.0mmH x 66mmL (0.5" x 0.5" x 2.6") |
| Fiber Diameter | 125µm |
| Coating Diameter | 250µm or 900µm Tight Buffer |
| Operating temperature | -40°C to 75°C (-40°F to 167°F) |
| Mean Insertion loss | < 0.1dB |
| Return loss | < -40dB Typical |

Cross-sectional view of open and actuated 3M™ Fibrlok™ II Splice 2529



After preparation, the fibers are inserted into the Fibrlok II splice element. The actuation lever is then used to close the cap, forcing the clamping and locating surfaces against the fibers and aligning the fibers precisely and permanently in place.

Description

2539 Fibrlok II Splice/Holder

Packaging

60/package

2539 SC/APC Fibrlok II Splice/Holder with SC/APC Pigtail

12/package

2539 SC/UPC Fibrlok II Splice/Holder with SC/UPC Pigtail

12/package

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