



Fiber Optic Splice Tray 2532

Instructions

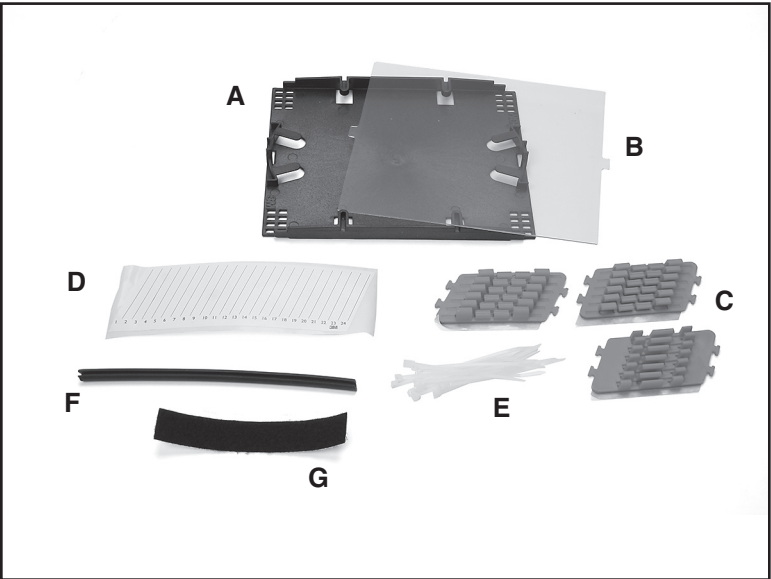
1.0 General

The 3M™ Fiber Optic Splice Tray 2532 protects, organizes and stores a variety of splices. The tray stores 250 μm, 900 μm and all ribbon fiber sizes. It has been developed to accommodate 24 single fusion splices, 72 mass fusion splices or 6 3M™ Fibrlok™ Splices per tray. A 24-fiber ribbon can also be housed in this tray. All four corners have features which can accommodate three 3M fiber transport tubes and oversized buffer tubes. The tray cover is made of a clear material for easily identifying the splices.

2.0 Kit Contents

- a. Tray
- b. Cover
- c. Adhesive-backed single fusion splice holder (2)
Adhesive-backed mass fusion/Fibrlok splice holder (1)
- d. Log label
- e. Cable ties (12)
- f. 6" (150 mm) ribbon retention grommet
- g. 6" (150 mm) 3M™ Scotchmate™ Transition Tube Retainer

Note: Examine kit contents. Insure that all necessary components are present and that they are in a usable and defect-free condition.

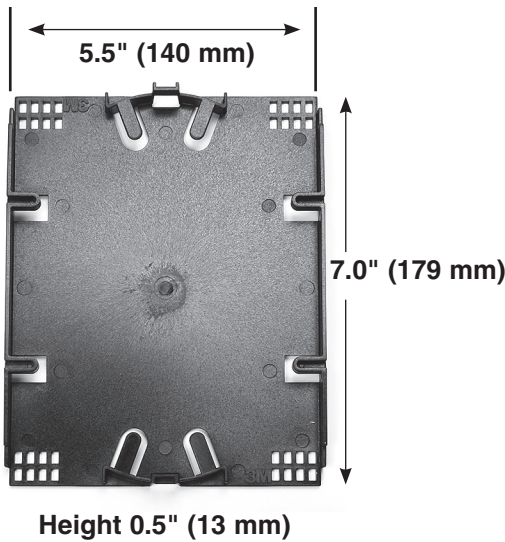


3.0 Available Kits

3.1 3M™ Closures and capacities.

Closure	Number of 2532 Trays
2178-XSB	2
2178-XSB/FR/OG-OT	2

4.0 Tray Dimensions



5.0 Splice Preparation

- 5.1 Remove the appropriate amount of sheath per the closure manufacturer's practice.
- 5.2 Clean the grease from the buffer tube(s) or ribbon(s) per the cable manufacturer's practice.

Note: *Carefully follow health and safety information given on cleaning solvent container labels or Material Safety Data Sheet.*

6.0 Fiber Management Inside Tray

- 6.1 Select appropriate splice holder based on type of splicing to be performed.
- 6.2 Remove backing from adhesive of splice holders and position holders on tray. (See Section 6.6 for placement suggestions)

Note: *Positioning of splice holders should be such that a minimum of 1.5" (38 mm) bend radius is maintained for each fiber to be spliced.*

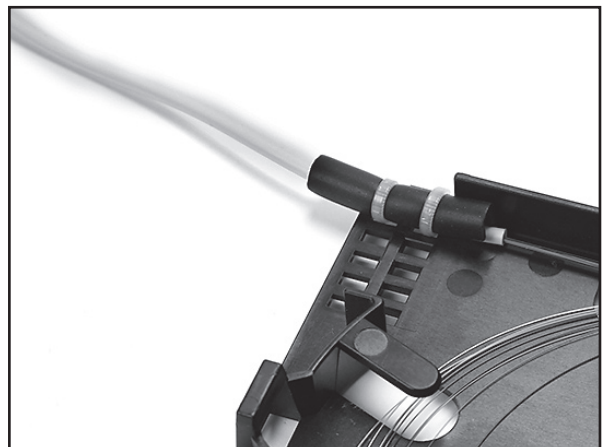
Note: *In a dirty environment, an alcohol wipe may be used to clean tray surface for better adhesion.*

- 6.3 Route buffer tube or ribbon to desired tray corner.

Note: *Do not exceed minimum 1.5" (38 mm) bend radius during routing process.*

6.4 Discrete Loose Buffer Tube

Place discrete loose buffer tube into 1-1.5" (25-38 mm) of ribbon retention grommet (Cut segments as needed from supplied length) and secure into tray using supplied cable ties.

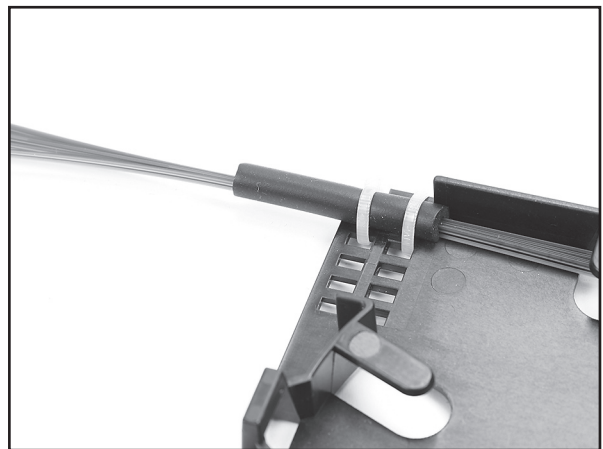


Discrete LBT

6.5 Ribbon Retention

Place ribbon fiber into 1-1.5" (25-38 mm) of ribbon retention grommet (cut segments as needed from supplied length) and secure into tray using supplied cable ties. (A maximum of 6 ribbons can be loaded into each retention grommet segment.)

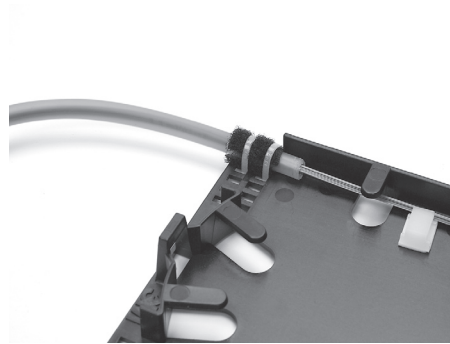
Note: *Do NOT use pliers to tighten cable ties to tray. Cable ties should be hand-tightened such that ribbon or buffer tube are immobilized. Over tightening can cause damage to buffer tube or ribbon.*



Ribbon retention

6.6 Ribbon with Transition Tubing

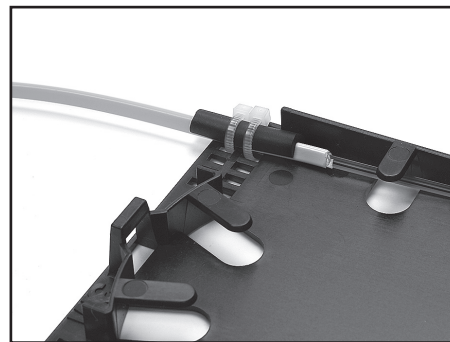
Cut 0.75"-1.00" (19-25 mm) 3M™ Scotchmate™ for each transition tube. Position Scotchmate approx. 0.25" (6 mm) from end of tubing. Only wrap Scotchmate around the top portion of tube, allowing tubing to make contact with splice tray. Trim if needed.



Ribbon with transition tubing

6.7 Jacketed Ribbon Fanout

Route ribbon fanout to desired corner. Place ribbon fanout into 1" to 1.5" (25 mm to 38 mm) of ribbon retention strip (cut segments as needed from supplied length) and secure assembly into tray using supplied cable ties.



Ribbon fanout

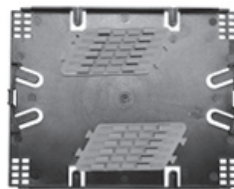
6.8 Splice fiber and place sleeves into splice holders.



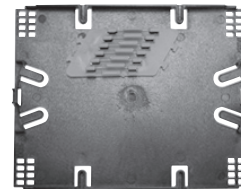
Discrete Holder (2)



Mass Fusion Holder (1)



Tray with 2 ea. Single Fusion



Tray with 1 ea. Ribbon

Place label on tray where desired.

3M, Fibriok and Scotchmate are trademarks of 3M Company.

Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture for a period of one (1) year from the time of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.**



Communication Markets Division 3M Telecommunications

6801 River Place Blvd.
Austin, TX 78726-9000
1-800-462-8688
www.3MTelecommunications.com

Please recycle. Printed in USA.
© 3M 2007. All rights reserved.
78-8135-0864-1-D