

3M™ Fibrlok™ II Universal Optical Fiber Splice 2529

Applications

- Single mode and multimode fibers
- Both construction and maintenance
- Aerial, buried, underground, pedestal
- Inside or outside buildings
- FTTx, Metro and Enterprise networks
- Up to 10 Gigabit data rates
- High density substitute for connectors



3M™ Fibrlok™ II Universal Optical Fiber Splice 2529

Features	Benefits
< 0.1 dB typical insertion loss	High performance
30 second installation time	Increased productivity
Minimum tooling requirements	Low capital cost
No epoxy or electricity required	Easy on-site installation
Simple, easy to use	Minimal training, lower installed cost
Ability to reposition fibers	Improved splicing yield
Single splice for any combination 250 μm or 900 μm fibers	Reduced inventory

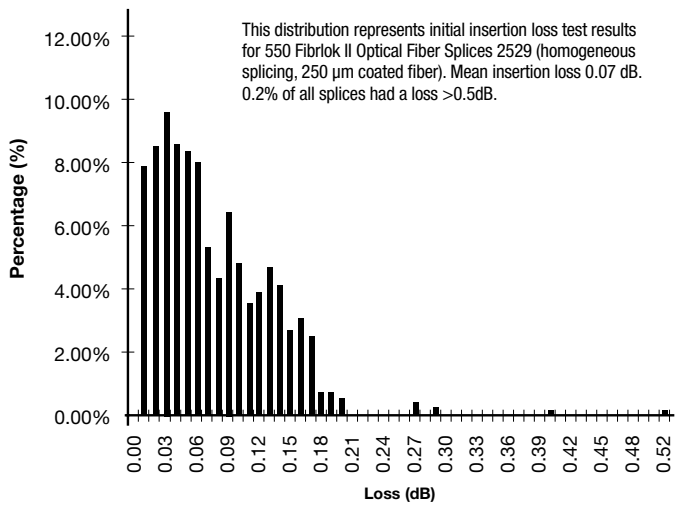


3M™ Fibrlok™ Splice Kit with Cleaver 2559-C

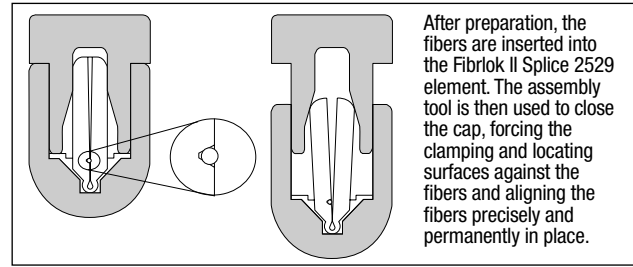
Specifications	
Fiber diameter	125 μm
Coating diameter	250 or 900 μm
Mean insertion loss	<0.1 dB
Reflectance	<-35 dB from -40° to 80° C (-40° to 176° F) <-60 dB typical at room temperature
Tensile strength	4.4N (1.0 lb.) minimum; 13.2N (>3.0 lbs.) typical
Material	Engineering thermoplastic with aluminum alloy element; UL 94, V-0 rating
Operating temperature	-40° to 80° C (-40° to 176° F)
Thermal cycling	Change in insertion loss <0.5 dB, -40° to 80° C (-40° to 176° F)
Fungus resistance	ASTM G-21-70; rating 0
Vibration	IEC 61300-2-1 (EIA standard FOTP-11; test condition 1)
Water immersion	Seven days @ 43° C; change in insertion loss ≤0.05 dB; 21,000 hours with <0.2 dB change
Extended high humidity	8,812 hours @ 85° C, 85% humidity with <0.2 dB change



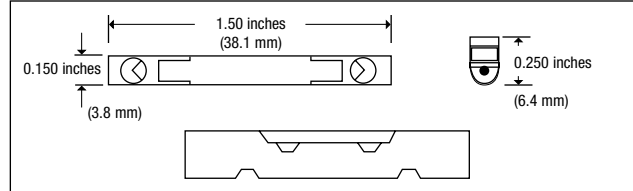
3M™ Fibrok™ II Universal Optical Fiber Splice 2529



Cross-sectional view of open and actuated Fibrok II Splice 2529



Dimensions (actual size)



Ordering Information

To order, specify the correct product number from the chart below. For more information on the complete line of Fibrok™ Splicing products, contact your 3M sales representative.

Product Number	Product Description	3M ID	UPC	Packaging
2529	Fibrok™ II Universal Optical Fiber Splice (250 x 900)	80-6107-5589-6	0-00-54007-92202-5	6/pkg 10 pkg/case
2529-K	Fibrok™ II Universal Optical Fiber Splice Kit (250 x 900)	80-6107-5830-4	0-00-54007-92415-9	1 kit/case
2559	Fibrok™ Splice Kit	80-6113-2375-1	0-00-51115-29999-5	1 kit/case
2559-C	Fibrok™ Splice Kit with Cleaver	80-6113-2376-9	0-00-51115-30000-4	1 kit/case
2501	Fibrok™ Assembly Tool	80-6105-8187-0	0-00-54007-57125-4	1/case
2506	Fibrok™ II Cap-lifter Tool	80-6107-4784-4	0-00-54007-91619-2	25/pkg
2521-FL	Fibrok™ Splice Inserts	80-6108-5926-8	0-00-51138-36413-7	2/pkg 12 pkg/case
2521-FL-A	Fibrok™ Splice Inserts with adhesive back	80-6113-2604-4	0-00-51115-26046-9	24/case
2522	Fiber Splice Organizer Tray - Small	80-6108-5990-4	0-00-51138-36522-6	2/case
2523	Fiber Splice Organizer Tray - Large	80-6108-5991-2	0-00-51138-36523-3	2/case
2524	Fiber Splice Organizer Tray	80-6106-1688-2	0-00-51138-11514-2	3/case
2527	Fiber Splice Organizer Tray	80-6111-7558-1	0-00-51138-89008-7	2/case
2534	Fiber Cleaver	80-6113-2377-7	0-00-51115-30001-1	1/case

3M and Fibrok are trademarks of 3M. All other trademarks used herein are the property of their respective owners.

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 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 loss or damage arising from this 3M product, whether indirect, special, incidental or consequential regardless of the legal theory asserted.



Communication Markets Division 3M Telecommunications

6801 River Place Blvd.
Austin, TX 78726-9000
800/426 8688
Fax 800/626 0329
www.3MTelecommunications.com

Please recycle. Printed in USA.
© 3M 2010. All rights reserved.
80-6113-8313-6