

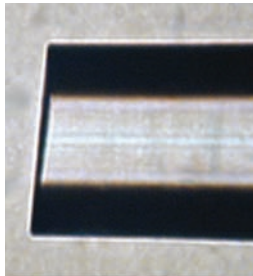
# 3M™ Fiber Optic Angle Cleaver 2535

The 3M™ Fiber Optic Angle Cleaver 2535 accurately forms a 7° angle using a simple, one step action that tensions, twists, and cleaves the fiber. Used in conjunction with a 3M™ Fibrlok™ Mechanical Splice or the 3M™ No Polish Connector (NPC) SC/APC, it enables better than -60 dB optical reflection loss across temperature extremes. The cleaver accepts both 250 µm and 900 µm buffer fiber.

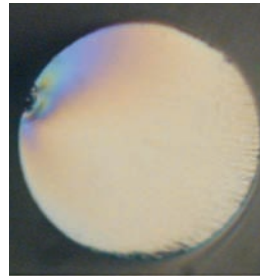
The Fiber Optic Angle Cleaver is RoHS compliant.\*



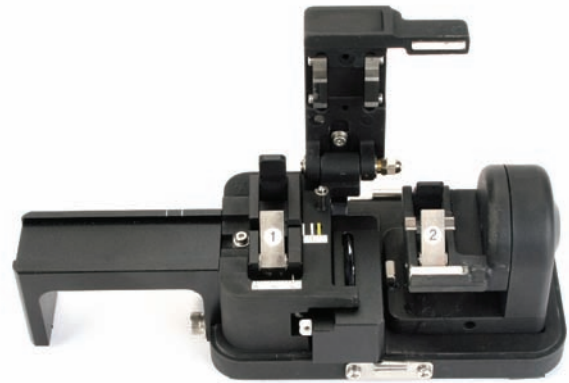
3M™ Fiber Optic Angle Cleaver 2535



Angle Cleaved Fiber



Fiber End Face



Features	Benefits
Designed to provide reflection loss <-60 dB	Excellent analog video transmission performance
Cleaving angle 7°±2°	Consistent insertion and reflection loss performance
Tensioning, twisting, and cleaving in one action	Simple, easy to learn cleaving process
Cleaving with oil damper system	Controlled cleaver movements for high accuracy
Accepts 250 µm and 900 µm tight and semi-tight buffer fiber	Cleaves wide range of fiber types
Support rail for mechanical splice and NPC fiber holders	Designed to provide keyed, angle cleaves for mechanical splices and NPC



## Specifications

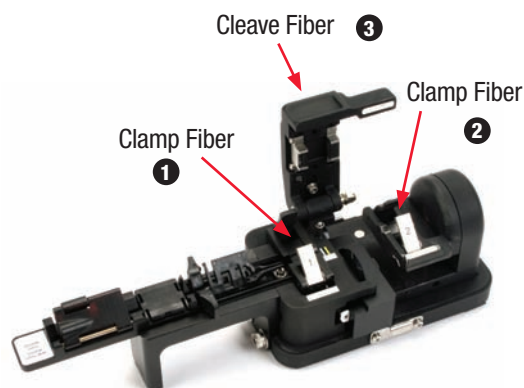
Fiber diameter	125 µm
Coating diameter	250 µm and 900 µm tight and semi-tight buffer
Cleave angle	7° ±2°
Reflection loss with Fibriok mechanical splices and NPC	< -60 dB
Cleaver blade lifetime	Max 30,000 cleaves
Size	159 x 66 x 76 mm (6.25" x 2.6" x 3.0")
Weight	414 grams (0.91 lb)



## Keyed, Angle Cleave Splice

Using the 3M™ Fiber Optic Angle Cleaver 2535, a precise angle can be formed on the fiber end. With the 3M™ No Polish Connector or 3M™ Fibriok™ Angle Splice Assembly Tool, angles of the fibers are keyed to optimize optical coupling and minimize back reflections.

## Three Step Process



After stripping the coating and cleaning the glass, secure the fiber with the two clamps and activate the cleaver in one step by pressing the lever.

\*"RoHS Compliant 2002/95/EC" means that the product or part ("Product") does not contain any of the substances in excess of the maximum concentration values in EU Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC, unless the substance is in an application that is exempt under EU RoHS. This information represents 3M's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M.

3M and Fibriok 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 12 months 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 2008. All rights reserved.  
80-6113-2814-9