

3M™ Fibrlok™ 250µm Fiber Splice 2540G

Description

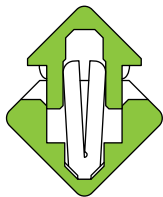
3M™ Fibrlok™ 250µm Fiber Splice helps enable fast, easy splicing of 250µm singlemode fiber in Fiber-to-the-Premises (FTTP) installations. It can also be used in multimode LAN installations where 250µm coated fiber is spliced. This low-loss reliable splice can be installed by non-specialized technicians.

Video Controls

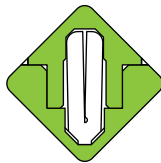


Play Pause Stop

Cross-sectional view of actuated splice



Before actuation



After actuation

After the fiber is inserted, the assembly tool depresses the activator cap to align and lock the fibers in place.



3M™ Fibrlok™ 250 µm Fiber Splice

Applications

- Inside or outside buildings
- Fiber closures and terminals
- FTTP drop cables

A fraction of the Tooling Cost

The simple, rugged 3M™ Fibrlok™ Splicing Tool is inexpensive and portable. It requires no electrical power and can be used in any environment. Several crews can be equipped for less than the cost of a single fusion splicer.



3M™ Fibrlok™ Splicing Tool

Features	Benefits
Low loss and back reflection	Reliable high-yield splices
Simple splicing process	Increased installation rate
Strong fiber retention	Prevents fiber movement for stable performance
Superior matching gel	Maintains quality of transmission over time
Rugged portable splice tool	Low expense to equip crews
Small size splice	Fits into most fusion splice trays

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Specifications

Fiber Type	125µm fiber, 250µm coating
Dimensions	4mm x 4mm x 36mm (0.16" x 0.16" x 1.42")
Operating temperature	-40°C to 75°C (-40°F to 167°F)
Pull out strength	4.4N (1.0 lbf) minimum
Mean Insertion loss	<0.1dB mean
Wavelengths	1310nm, 1490nm, 1550nm, 1625nm
Reflection	< -40dB typical

Ordering Information

Product Number	Description	Pkg
2540G	Fibrlok 250µm Fiber Splice	5/pkg, 60 MOQ
2504G	Fibrlok 250µm Assembly Tool	1/pkg
2559	Fibrlok Splice Kit	1/pkg
2559-C	Fibrlok Splice Kit with Cleaver	1/pkg
2534	Fiber Cleaver	1/pkg

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