

Communication Markets Division

3M™ Easy Cleaver

Available in select packages of 3M connectors and splices

The 3M™ Easy Cleaver is the latest cutting edge innovation from 3M. Unlike other fiber cleavers, which can cost hundreds or even thousands of dollars up-front, the 3M Easy Cleaver is conveniently included* with select packages of 3M™ No Polish Connectors, 3M™ Crimplok™+ Connectors and 3M™ Fibrok™ II Splices.

Compared to many other blade-enabled fiber cleaving tools, the 3M Easy Cleaver requires virtually no maintenance because of its diamond wire cleaving mechanism. The 3M Easy Cleaver is capable of repeatedly creating smooth end faces and is designed to perform approximately 120 cleaves per tool. A handy counter helps track the number of cleaves performed.

*3M Easy Cleaver is included in select packages of 3M connectors and splices for a nominal increase in price. Use of the 3M Easy Cleaver with other manufacturers' connectors is not recommended and may void the warranty.



3M™ Easy Cleaver

Features	Benefits
Life cycle counter	Conveniently helps users to keep track of cleaver life
Diamond wire shuttle	Virtually no maintenance or blade rotation required, which can help reduce downtime
Innovative fiber clamp design	Provides precise and repeatable cleaves
Strip and cleave length markings	Clear indication of specified strip lengths for 3M connector and splice installations
Lightweight and durable	Suitable for both indoor and outdoor work environments

3M™ Easy Cleaver

Specifications

Feature	
Dimensions	133 × 68 × 29.5 mm (5.24 × 2.68 × 1.16 in) approx.
Weight	62 gm (2.2 oz) approx.
Compatible fibers	
Buffered	250 μm / 900 μm tight buffer
Jacketed Cable	Up to 3 mm
Drop Cable	1.6 × 2 mm and 2 × 3 mm FRP
Cleave angle	Typically less than 3°
Cleave lengths	8 - 24 mm (Specific cleave length markings are 8, 10, 12.5, 19, 20 and 24 mm)
Strip lengths	42 - 58 mm
Cleaver life	Approximately 120 cleaves*
Performance	Flat cleave: 3M field-installable connectors and splices perform to their individual specifications when terminated with the 3M™ Easy Cleaver if Easy Cleaver is used per 3M instructions.

*Once 120 cleaves are performed, properly dispose of the cleaver per company practice.

Cleave Length Guide

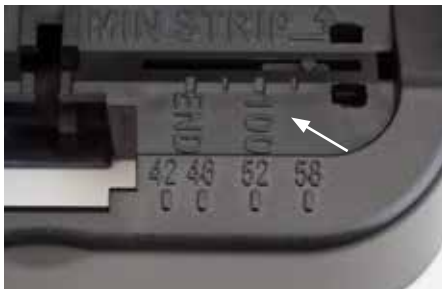
3M Products	Cleave length (mm)	Fiber Strip length (mm)
3M™ No Polish Connectors	8	42
3M™ Fibrlok™ II Splices	12.5	46
3M™ Crimplok™+ 250 μm Connectors	19	52
3M™ Crimplok™+ 900 μm Connectors	24	58



Diamond wire shuttle



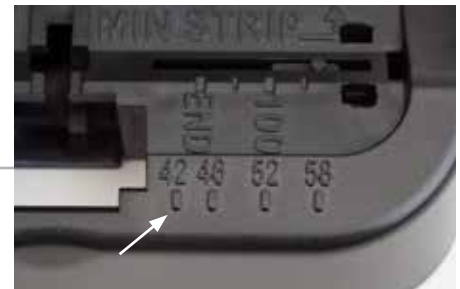
Cleave length



Life cycle counter



3M™ Easy Cleaver



Strip length

Ordering Information

Product No.	Description	3M ID	Min. Order Connector	Packaging (connectors per box)	Assembly Tools incl.	Easy Cleaver incl.
3M™ No Polish Connectors						
SC Connector Type						
8800-APC/FS/C	SM No Polish SC/APC Connector flat splice with Easy Cleaver	80-6114-9412-3	120	120	2 sets	1 unit
8800/C	SM No Polish SC/UPC Connector with Easy Cleaver	80-6114-9411-5	120	120	2 sets	1 unit
8802-T/1.6-3/C	SM No Polish SC/UPC Connector 1.6-3.0 mm Jacket with Easy Cleaver	80-6114-8225-0	120	120	not needed	1 unit
8802-T/APC/FS/1.6-3/C	SM No Polish SC/APC Connector 1.6-3.0 mm Jacket flat splice with Easy Cleaver	80-6114-8226-8	120	120	not needed	1 unit
6800-50/C_60	MM No Polish SC Connector 50 µm with Easy Cleaver	80-6114-9419-8	60	60	1 set	1 unit
6800-50LOMMF/C_60	MM No Polish SC Connector 50 µm laser optimized with Easy Cleaver	80-6114-9420-6	60	60	1 set	1 unit
6800-62.5/C_60	MM No Polish SC Connector 62.5 µm with Easy Cleaver	80-6114-9421-4	60	60	1 set	1 unit
6802-T/50/1.6-3/C_60	MM No Polish SC/UPC Connector 50 µm 1.6-3.0 mm Jacket with Easy Cleaver	80-6114-9422-2	60	60	not needed	1 unit
6802-T/50LOMMF/1.6-3/C_60	MM No Polish SC/UPC Connector 50 µm LOMMF 1.6-3.0 mm Jacket with Easy Cleaver	80-6114-9423-0	60	60	not needed	1 unit
6802-T/62.5/1.6-3/C_60	MM No Polish SC/UPC Connector 62.5 µm 1.6-3.0 mm Jacket with Easy Cleaver	80-6114-9424-8	60	60	not needed	1 unit
LC Connector Type						
8830-APC/FS/C	SM No Polish LC/APC Connector flat splice with Easy Cleaver	80-6114-9416-4	120	120	2 sets	1 unit
8830/C	SM No Polish LC/UPC Connector with Easy Cleaver	80-6114-9415-6	120	120	2 sets	1 unit
8832-T/1.6-2/C	SM No Polish LC/UPC Connector 1.6-2.0 mm Jacket with Easy Cleaver	80-6114-9417-2	120	120	not needed	1 unit
6830-50/C_60	MM No Polish LC Connector 50 µm with Easy Cleaver	80-6114-9425-5	60	60	1 set	1 unit
6830-50LOMMF/C_60	MM No Polish LC Connector 50 µm laser optimized with Easy Cleaver	80-6114-9426-3	60	60	1 set	1 unit
6830-62.5/C_60	MM No Polish LC Connector 62.5 µm with Easy Cleaver	80-6114-9427-1	60	60	1 set	1 unit
6832-T/50/1.6-2/C_60	MM No Polish LC/UPC Connector 50 µm 1.6-2.0 mm Jacket with Easy Cleaver	80-6114-9428-9	60	60	not needed	1 unit
6832-T/50LOMMF/1.6-2/C_60	MM No Polish LC/UPC Connector 50 µm LOMMF 1.6-2.0 mm Jacket with Easy Cleaver	80-6114-9429-7	60	60	not needed	1 unit
6832-T/62.5/1.6-2/C_60	MM No Polish LC/UPC Connector 62.5 µm 1.6-2.0 mm Jacket with Easy Cleaver	80-6114-9430-5	60	60	not needed	1 unit

Ordering Information (cont.)

Product No.	Description	3M ID	Min. Order Connector	Packaging (connectors per box)	Assembly Tools incl.	Easy Cleaver incl.
ST Connector Type						
8840/C	SM No Polish ST Connector 250/900 µm buffer and Easy Cleaver	80-6114-9418-0	120	120	2 sets	1 unit
6840-50/C_60	MM No Polish ST Connector 50 µm, 250/900 µm buffer and Easy Cleaver	80-6114-9431-3	60	60	1 set	1 unit
6840-50LOMMF/C_60	MM No Polish ST Connector 50 µm LO, 250/900 µm buffer and Easy Cleaver	80-6114-9432-1	60	60	1 set	1 unit
6840-62.5/C_60	MM No Polish ST Connector 62.5 µm, 250/900 µm buffer and Easy Cleaver	80-6114-9433-9	60	60	1 set	1 unit
3M™ Crimplok™+ Connectors						
8700-PS/APC/C	3M Crimplok+ Connector SC/APC SM 250/900 µm and Easy Cleaver	80-6114-9435-4	120	120	2 sets	1 unit
8700-PS/UPC/C	3M Crimplok+ Connector SC/UPC SM 250/900 µm and Easy Cleaver	80-6114-9434-7	120	120	2 sets	1 unit
6700-PS/50/C_60	3M Crimplok+ Connector SC MM 50 µm 250/900 µm and Easy Cleaver	80-6114-9436-2	60	60	1 set	1 unit
6700-PS/50LOMMF/C_60	3M Crimplok+ Connector SC MM 50 µm LOMMF 250/900 µm and Easy Cleaver	80-6114-9437-0	60	60	1 set	1 unit
6700-PS/62.5/C_60	3M Crimplok+ Connector SC MM 62.5 µm 250/900 µm and Easy Cleaver	80-6114-9438-8	60	60	1 set	1 unit
3M™ Fiblok™ II Universal Optical Fiber Splice						
2529/C_60	3M Fiblok II Universal Optical Fiber Splice for 250/900 µm fiber with Easy Cleaver	80-6114-9439-6	60	60	none	1 unit

3M, Crimplok and Fiblok are trademarks of 3M Company.

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