



Manufacturer:
Micro Electronics

Product Name:
Micro Electronics Micro-Strip® MS-1-FS Fiber Stripper for 125/900µm Buffer Fiber

Manufacturer Part Number:
MS1-08S-40-FS



Learn More

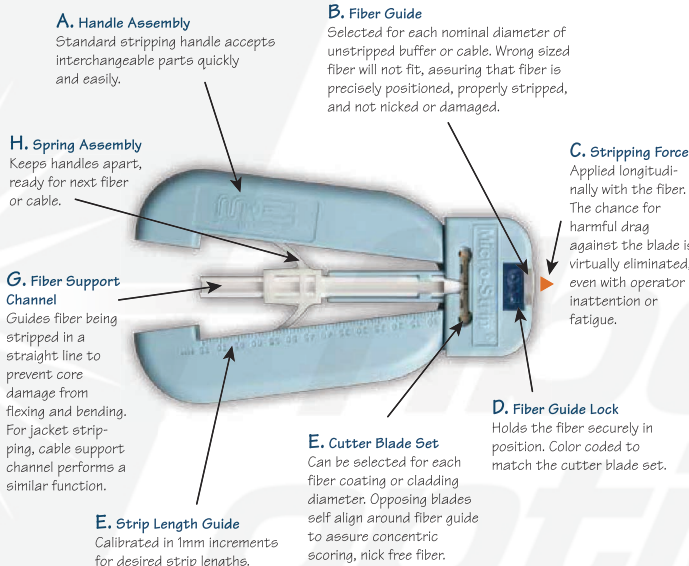
► Click here for more details on the Micro Electronics Micro-Strip® MS-1-FS Fiber Stripper for 125/900µm Buffer Fiber

Micro-Strip stripping tools from Micro-Electronics strip buffered fiber up to 2360µm, and jacketed fiber up to 3.5mm quickly and easily.

You can use two standard handles with interchangeable cutter blade sets, fiber guides and fiber guide locks to strip all sizes. Simply select and install the proper cutter blade sets, tube guides, and tube guide locks.

Or if you prefer, purchase Micro-Strip tools individually fitted for the fiber or jacket diameter you specify with cutter blade sets and fiber guides already installed.

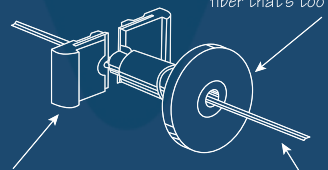
Micro-Strip® Tool Breakdown



Ultra-Precise Non-Thermal Stripping System

SNAP-APART PRECISION-MACHINED BLADE HALVES MOLDED INTO THERMOPLASTIC BODIES

Patented, self-centering stripping system assures precise, concentric scoring with no cladding or core damage.

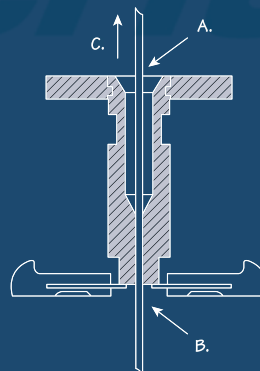


B. As gripping handles close, each blade half moves in a straight line to self-align around the fiber guide. This places the blades in perfect concentric relationship.

A. Fiber enters guide through opening dimensioned for a particular diameter range. Fiber that is too large won't enter the guide; fiber that's too small won't be stripped.

C. Fiber is withdrawn, assuring a perfect strip every time. Only the coating or buffer is scored. Fiber is never nicked or damaged.

PRECISION MACHINED FIBER GUIDE



End of fiber guide supports blades during stripping to prevent blade flexing and fatigue.

Contact the professionals at Fiber Optic Center for a quote or to get more details.

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Micro-Strip® Ordering Information

1. From table, identify coating or cladding diameter you wish to strip down to. Read across to Complete Tool Cat. No.

2. From Fiber Guide Selection table, identify desired coating or buffer diameter to learn Fiber Guide Cat. No. Put 2-digit code in Complete Tool Cat. No. space to complete it.

3. Order complete tool. Proper cutter blade set and fiber guide will be provided.

4. Order replacement cutter blade sets and fiber guides as needed.

1. From table, identify jacket diameter you wish to strip. Read across to Complete Tool Cat. No.

2. Order complete tool. Proper cutter blade set and jacket guide will be provided.

3. Order replacement cutter blade sets and jacket guides as needed.

COMPLETE TOOLS AND REPLACEMENT BLADE SETS FOR OPTICAL FIBER					FIBER GUIDE SELECTION	
Fiber Cladding Diameter to Expose (µm) (in.)	Proper Blade Dia.	Complete Tool Cat. No. †	Replacement Cutter Blade Set Cat.No.*	Blade Color Code	Fiber Coating or Buffer Dia. (µm) to Strip	Replacement Fiber Guide Cat. No.▲
up to 80	up to .0031	.0045 MS1-04S -FS	MS1-RB-04S	CLEAR	up to 180	MS1-RT-07
85-120	.0033-.0047	.0055 MS1-05S -FS	MS1-RB-05S	LAVENDER	180-250	MS1-RT-10
125-135	.0049-.0053	.0063 MS1-06S -FS	MS1-RB-06S	PURPLE	250-343	MS1-RT-13
125-175	.0049-.0068	.008 MS1-08S -FS	MS1-RB-08S	RED	343-407	MS1-RT-16
180-230	.0070-.0090	.010 MS1-10S -FS	MS1-RB-10S	LIGHT BLUE	407-457	MS1-RT-18
235-280	.0092-.0110	.012 MS1-12S -FS	MS1-RB-12S	WHITE	457-533	MS1-RT-21
285-330	.0112-.0129	.014 MS1-14S -FS	MS1-RB-14S	DARK GREEN	533-635	MS1-RT-25
335-380	.0131-.0149	.016 MS1-16S -FS	MS1-RB-16S	ORANGE	635-787	MS1-RT-31
385-430	.0151-.0169	.018 MS1-18S -FS	MS1-RB-18S	YELLOW	787-889	MS1-RT-35
435-500	.0171-.0196	.021# MS1-21S -FS	MS1-RB-21S	ROYAL BLUE	889-1016	MS1-RT-40
505-550	.0198-.0216	.023 MS1-23S -FS	MS1-RB-23S	MAROON	1016-1168	MS1-RT-46
555-600	.0218-.0236	.025 MS1-25S -FS	MS1-RB-25S	LIGHT GREEN	1168-1321	MS1-RT-52
605-680	.0238-.0267	.028## MS1-28S -FS	MS1-RB-28S	BLACK	1321-1397	MS1-RT-55
685-750	.0269-.0295	.031 MS1-31-	MS1-RB-31S	TAN	1397-1600	MS1-RT-63
755-830	.0297-.0326	.034 MS1-34-	MS1-RB-34S	PINK	1600-1702	MS1-RT-67
835-900	.0328-.0354	.037 MS1-37-	MS1-RB-37S	GRAY	1702-1778	MS1-RT-70
905-1050	.0356-.0413	.044 MS1-44-	MS1-RB-44S	DARK BROWN	1778-1930	MS1-RT-76
1055-1350	.0415-.0531	.054 MS1-54-	MS1-RB-54S	NATURAL	1930-2057	MS1-RT-81
					2057-2184	MS1-RT-86
					2184-2362	MS1-RT-93

For best results use .0063 inch blade when removing 250µm coating.

For poor results use .0080 inch blade when removing 250µm coating.

For best results use .0063 inch blade when removing 250µm coating.

For best results use .0080 inch blade when removing 900µm buffer.

For best results when stripping secondary buffer down to primary 250µm coating use blade size .021.

For best results when stripping secondary buffer down to primary 500µm coating use blade size .028.

† Includes tool individually boxed with cleaning tool, push tool and instructions.

* Catalog numbers are for two cutter blade sets packaged together with a matching fiber guide lock.

Each blade set consists of a pair of joined, matched blades which must be snapped apart prior to use.

Matched cutter blade sets are NOT interchangeable, and must only be used with their matching half.

▲ Catalog numbers are for a single, individually packaged fiber guide with integral size indicator disk.

COMPLETE TOOLS AND REPLACEMENT BLADE SETS FOR JACKET STRIPPING					REPLACEMENT HANDLE ASSEMBLY	
Jacket Diameter (µm)	Blade dia. (in.)	Complete Tool Cat. No. ††	Replacement Cutter Blade Set Cat. No.*	Blade Color Code	Handle Assembly*	Application
2.5	.098	.054 MS2-54S-D1	MS2-RB-54S	NATURAL	MS-1-FS	Fiber coating/buffer stripping up to 2360µm
3.0	.118	.054 MS2-54S-D2	MS2-RB-54S	NATURAL	MS-2-L	Jacket stripping up to 3.5mm
3.5	.137	.054 MS2-54S-D3	MS2-RB-54S	NATURAL		

MS-1 and MS-2 components are not interchangeable.

* Catalog are for two cutter blade sets packaged together with a matching fiber guide lock

Each blade set consists of a pair of joined, matched blades which must be snapped apart prior to use.

Matched cutter blade sets are NOT interchangeable, and must only be used with their matching half.

† Includes tool individually boxed with cleaning brush, push tool and instructions.

†† Catalog numbers are for single individually packaged Jacket Guide (with integral size indicator disk).

* Includes handle individually boxed with cleaning brush, push tool and instructions. Cutter blade set and fiber guide are NOT included.

OPTICAL FIBER TERMINOLOGY

Optical Fiber, made of glass, fused silica, or plastic transmits light much as metallic wire carries electricity. Optical fibers are encased in various ways to meet application requirements. Shown here are the typical components of optical fiber:

BUFFER - Material that protects an optical fiber from physical damage.

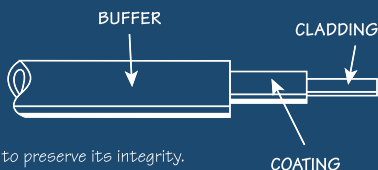
COATING - Material in intimate contact with the cladding surface, applied to preserve its integrity.

CLADDING - The dielectric material surrounding an optical fiber's core.

CORE - The central region of an optical fiber through which light is transmitted.

MULTIPLE-FIBER RIBBON - A formed, flat carrier of several optical fibers.

OPTICAL CABLE - A fiber, multiple fibers, or fiber bundle in a structure fabricated to meet optical, mechanical, and environmental specifications.



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Micro-Strip® /Soft-Strip® Cutter Blade Replacement

TO REMOVE INSTALLED BLADES:

1. Using flat end of push tool, remove fiber guide lock by pushing out from the back side of tool head.
2. Remove Fiber guide from tool.
3. Using prong end of push tool in small holes on back side of tool head, eject blade set.

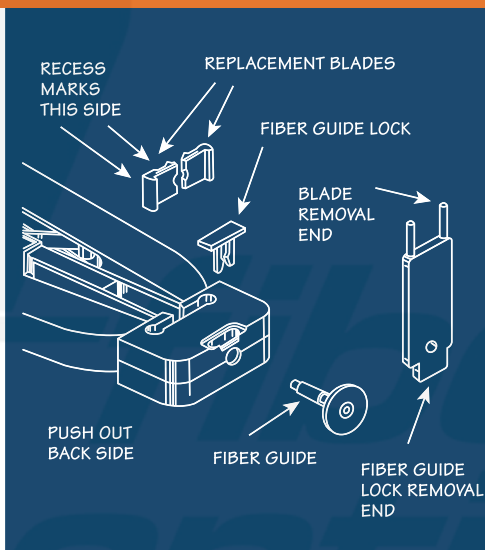
IMPORTANT!

Do not remove cutter blades while fiber guide is still in tool.

TO INSTALL NEW BLADES:

(Furnished in a matched set for blade precision. Snap apart before installation.)

1. Install with "ears" pointing toward top of tool and recess marks visible. Push firmly with flat end of push tool until both blades are seated.
2. Insert fiber guide through hole in top of tool until it stops.
3. Insert fiber guide lock through slot in front of tool head.



Note: Blades are color coded and matched to diameter and color of fiber guide lock. Replace or install fiber guide and fiber guide lock as needed. Always test strip fiber after installing new blade set. Remove blades periodically and clean with brush provided and alcohol.

The Best Non-Thermal / Thermal Stripping Tools

Accuracy

Every stripping component of the Micro-Strip® system is manufactured to tolerances tighter than 0.0005".

Error Proof

Because Micro-Strip®'s components are color coded, there's no chance for error, and virtually no chance of fiber damage. Every detail of Micro-Strip®'s design has been tested, retested, and proven in the field since 1973.

The Right Tool

You can order a variety of standard Micro-Strip® tools already fitted with your desired fiber guide and cutter blade set. You can also order replacement blade sets and guides so the same handle can be used to strip many sizes of fiber or cable.



Tool Kits

Convenient Micro-Strip® and Soft-Strip® kits include the most used components for fiber optic stripping, along with complete instructions, cleaning brush and component tool.

Versatility

There's no need to purchase separate tools for each fiber size. Micro-Strip®'s modular blade sets are quickly interchangeable and replaceable for coated optical fibers up to 2300µm, or jacketed fibers up to 3.5mm.

Low Stripping Force

Lower stripping force means less stress on the fiber and higher quality splices.

Micro-Strip® requires less than a pound of peak force for stripping coated fiber.

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Micro-Strip® Kit Information

Fiber Optic and A.W.G. Wire Stripping Starter Kits



MS-FOK-1

Fiber Optic Stripping Kit

This fiber optic stripping kit, **MS-FOK-1**, contains stripping tool, blade and fiber guide components for both outer jacket stripping (up to 3.5mm) and coating/buffer stripping (up to 900µm). It comes packaged in an attractive metal case.



MS-FOK-2

Fiber Optic Stripping Kit

This convenient three-step fiber optic stripping kit, **MS-FOK-2**, contains Kevlar scissors and prefitted strippers for outer jackets (up to 3.5mm), 900µm buffers and 250µm coatings.



MS-TK-1

A.W.G. Wire Stripping Kit

This A.W.G. wire stripping kit, **MS-TK-1**, is used for precision stripping of 18-32 gage fine wire. It contains a standard stripping handle with a variety of blade and guide components for stripping a wide range of solid or stranded wire.

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MS-FOK-2	MS-4T-16S-21-FS	MS1-16S-67-FS	MS1-31S-55-FS	MS1-28S-40-FS	MS1-05S-10-FS	MS1-RB-04S
MS-FOK-1	MS1-23S-76-FS	MS1-16S-70-FS	MS-4T-12S-13-FS	MS1-31S-46-FS	MS1-05S-21-FS	MS1-RT-35
MS1-08S-40-FS	MS1-25S-63-FS	MS-4T-12S-25-FS	MS1-28S-76-FS	MS1-31S-52-FS	MS1-05S-07-FS	MS1-RB-37S
MS1-06S-10-FS	MS1-54S-67-FS	MS1-23S-81-FS	MS1-37S-86-FS	MS1-31S-40-FS	MS-4T-05S-18-FS	MS1-RB-54S
MS1-10S-13-FS	MS-4T-08S-35-FS	MS1-25S-52-FS	MS1-37S-93-FS	MS1-34S-46-FS	MS-4T-06S-07-FS	MS-RHM-1
MS1-08S-52-FS	MS-4T-08S-31-FS	MS1-14S-63-FS	MS1-44S-46-FS	MS1-34S-52-FS	MS1-05S-46-FS	MS1-RT-40
MS1-08S-55-FS	MS-4T-05S-10-FS	MS1-14S-67-FS	MS-4T-10S-31-FS	MS1-18S-35-FS	MS1-21S-81-FS	MS-4T-E
MS1-10S-25-FS	MS1-34S-93-FS	MS1-16S-18-FS	MS1-28S-86-FS	MS1-18S-25-FS	MS-4T-16S-25-FS	MS1-RT-67
MS1-10S-31-FS	MS1-37S-55-FS	MS1-16S-21-FS	MS1-28S-93-FS	MS1-34S-40-FS	MS-4T-16S-31-FS	MS-T3
MS1-10S-35-FS	MS1-54S-86-FS	MS1-14S-16-FS	MS1-31S-35-FS	MS1-21S-25-FS	MS-4T-16S-35-FS	MS-RHM-2
MS1-10S-46-FS	MS-4T-06S-16-FS	MS1-14S-35-FS	MS-4T-10S-16-FS	MS1-21S-40-FS	MS1-06S-07-FS	MS1-RT-46
MS1-10S-52-FS	MS1-16S-46-FS	MS1-14S-46-FS	MS-4T-25S-31-FS	MS1-25S-46-FS	MS-3T-06-G6	MS1-RT-52
MS1-10S-55-FS	MS1-16S-52-FS	MS1-14S-52-FS	MS-4T-28S-31-FS	MS1-25S-31-FS	MS-3T-06-G8	MS1-RT-55
MS-4T-12S-35-FS	MS1-31S-93-FS	MS1-25S-67-FS	MS-4T-28S-35-FS	MS1-44S-93-FS	MS-3T-06-G10	MS1-RT-63
MS1-28S-63-FS	MS1-34S-63-FS	MS1-25S-70-FS	MS-4T-06S-10-FS	MS-SK-2	MS-3T-06-G5	MS1-RT-93
MS1-28S-67-FS	MS1-34S-81-FS	MS1-12S-55-FS	MS-4T-08S-13-FS	MS1-14S-40-FS	MS-4T-06S-13-FS	MS1-RT-65
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MS1-12S-31-FS	MS-4T-08S-21-FS	MS-4T-12S-18-FS	MS-4T-05S-07-FS	MS1-18S-31-FS	MS1-RB-14S	MS2-RT-D2
MS1-18S-40-FS	MS1-28S-70-FS	MS1-23S-86-FS	MS-4T-05S-13-FS	MS1-23S-46-FS	MS2-54S-D1	MS1-RT-18
MS1-18S-46-FS	MS1-28S-81-FS	MS1-23S-63-FS	MS-4T-05S-16-FS	MS1-23S-25-FS	MS2-54S-D2	MS1-RT-07
MS1-18S-52-FS	MS1-31S-63-FS	MS1-23S-67-FS	MS-4T-25S-35-FS	MS1-23S-31-FS	MS1-21S-31-FS	MS1-RT-13
MS-4T-14S-16-FS	MS1-25S-76-FS	MS1-37S-46-FS	MS-4T-08S-10-FS	MS1-08S-13-FS	MS1-21S-46-FS	MS-2-L
MS-4T-14S-18-FS	MS1-21S-76-FS	MS1-54S-70-FS	MS-4T-14S-31-FS	MS1-08S-18-FS	MS1-RB-34S	MS3-RT-G2
MS-4T-14S-25-FS	MS1-21S-52-FS	MS1-54S-76-FS	MS-4T-21S-25-FS	MS1-08S-10-FS	MS1-RB-31S	MS1-RB-21S
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MS-4T-18S-25-FS	MS1-16S-55-FS	MS1-21S-35-FS	MS1-05S-13-FS	MS1-12S-35-FS	MS1-RT-16	MS1-RT-10
MS-4T-18S-35-FS	MS1-12S-63-FS	MS1-18S-76-FS	MS1-05S-16-FS	MS1-14S-18-FS	MS1-RT-31	MS1-08S-35-FS
MS1-10S-21-FS	MS1-14S-55-FS	MS1-21S-55-FS	MS1-06S-25-FS	MS1-14S-21-FS	MS1-RB-16S	MS1-18S-67-FS
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MS-4T-10S-13-FS	MS1-16S-35-FS	MS1-44S-76-FS	MS1-08S-21-FS	MS1-44S-52-FS	MS1-RB-23S	MS1-RT-25
MS-4T-10S-25-FS	MS1-06S-18-FS	MS1-34S-86-FS	MS-4T-06S-18-FS	MS1-44S-63-FS	MS1-RB-25S	MS1-RT-70
MS-4T-10S-35-FS	MS1-06S-31-FS	MS1-34S-67-FS	MS1-06S-35-FS	MS1-44S-86-FS	MS1-RB-28S	MS1-RT-76
MS-4T-18S-31-FS	MS1-06S-52-FS	MS1-34S-70-FS	MS1-18S-63-FS	MS-4T-05S-21-FS	MS-3T-E	MS1-RT-86
MS-4T-06S-35-FS	MS1-16S-40-FS	MS1-34S-76-FS	MS1-08S-16-FS	MS-4T-05S-25-FS	MS-1-FS	MS2-06/2-G20
MS-4T-08S-25-FS	MS1-06S-16-FS	MS1-37S-76-FS	MS1-23S-55-FS	MS-4T-05S-31-FS	MS1-RB-65S	MS2-06/2-G21
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MS-4T-12S-31-FS	MS1-28S-35-FS	MS1-31S-76-FS	MS1-25S-40-FS	MS1-44S-55-FS	MS-CB-1	MS3-RT-G21
MS-4T-14S-35-FS	MS1-28S-52-FS	MS1-31S-81-FS	MS1-28S-46-FS	MS1-44S-81-FS	MS2-RT-D3	
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