



FIBER OPTIC TOOLS



FIBER OPTIC HAND TOOLS



Founded in 2003, SAMM Technology offers cutting-edge products and services in the fields of telecommunication infrastructure and data center by producing in line with the expectations and needs of its customers.

With more than 20 years of experience, SAMM Technology has become one of the important suppliers of Europe in terms of capacity, technology and innovation by continuously investing in production, technology, R&D and people.

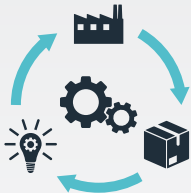
SAMM Teknoloji produces high performance fiber optic cables, fiber optic cable assemblies, data center infrastructure products and structured cabling solutions in its two factories located in the Gosb/Gebze industrial zone.

SAMM also has a ministry-approved research and development center since 2017.



20+ Years' Experience

With more than 200 employees and 2 factories, we have achieved several significant projects in telecommunication fiber optic infrastructure.



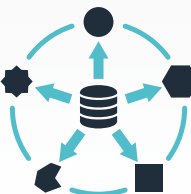
World Class Production

With systematic and scientific methods, we always focus on reaching the highest quality in our fiber optic cable production and assembly lines.



Connecting Continents

An advantageous shipping location, at the intersection of Asia, Europe and the Middle-East.



Innovative Solutions

We are passionate about responding to customer demand and keeping pace with the ever-evolving telecommunication and fiber optic technologies.



FIBER OPTIC FUSION SPLICERS

Fiber Optic Fusion Splicers



Mini 5C+P



Mini 4S+



Mini 3S

Ordering Codes		MTVC1026	MTVC726	MTVC731
Model		Mini 5C+ Premium	Mini 4S+	Mini 3S
Splicing	Method	High-end Core Alignment AOCAT Automatic Optical Core Analysis & Tracking System		Active Alignment (DAA: Digitalized Active Alignment)
	Loss	SM (0.01 dB)/MM (0.01 dB) DS (0.04 dB)/NZDS (0.04 dB) G.654 (0.04dB), RL: >60 dB		SM (0.02 dB)/MM (0.01 dB) DS (0.04 dB)/NZDS (0.04 dB) G.654 (0.04dB), RL: >60 dB
	Time	Quick: 4 Sec./SM Auto: 7 Sec.		Quick: 4 Sec. / SM Mode: 6 Sec.
	Mode	300 modes (Pre-set:49/User set-up:251)		300 modes (Pre-set:13/User set-up:287)
	Attenuation	Available range: 0.1 – 20dB		
Applicable Fiber (Cable)	Fiber Type	SM (ITU-T G.652 & G.657) MM (ITU-T G.651) DS (ITU-T G.653), NZDS (ITU-T G.655)		
		CUT-OFF SHIFTED (ITU-T G.654)	CSF (ITU-T G.654)	CUT-OFF SHIFTED (ITU-T G.654)
	Coating Diameter	100 - 3000 µm		
	Cladding Diameter	80 - 150 µm		
	Cleaved Length	< 250 µm, Coating: 5 – 16 mm ≥ 250 µm, Coating: 8 – 16 mm		
Heating	Time	60 mm slim sleeve: Avg. 5–6 Sec. 60 mm Sleeve: Avg. 9–10 Sec.	Ave. 10 Sec.	Ave. 18 Sec
	Mode	100 modes (Pre-set:10/User set-up: 90)		
	Applicable Sleeve	20 - 60 mm		
Hardware	Connectivity	USB (Type-C)		
	Electrode Life Span	> 5500 arcs		
	Data Storage	Splice records: 10000/Images: 2000		
	Fiber Detection	Dual CCD camera with LED emitting system		
	Illumination	LED Spotlight		
	Display	Color 4.3" LCD monitor, with Touch Screen (Tempered Glass)		
	Battery	Li-ion 10.95V 5000mAh, 380 cycles		Li-ion 11.1V 3000mAh, 200 cycles
		Battery Storage Temperature: -20–40 °C		
	Power supply	AC 100–240V input or DC 12.6V 2.0A		
	Fiber display (magnetification)	Single image (X/Y): 320x Dual image (X&Y): 320x, Max: 520x	Single image (X/Y): 320x Dual image (X&Y): 160x	Single image (X/Y): 260x Dual image (X&Y): 130x
Reliability	Weight	1.5 kg (with battery: 1.9 kg)	1.4 kg (with battery: 1.8 kg)	1.1 kg (with battery: 1.3 kg)
	Dimensions	124 x 123 x 138 mm (L x W x H)		123 x 114 x 126mm (L x W x H)
	Wind protection	Wind Speed: 15 m/s (max.)		
	Op. Environment	Temperature: -10 - 50 °C, Humidity: 0 - 95 % RH Altitude: 0 - 5000 m,		
	Storage Conditions	Temperature: -40 to 80 °C, Humidity: 0 - 95 % RH		
	Pull test	1.96 - 2.25 N (standard)		

Fiber Optic Fusion Splicers



Mini 100CA+



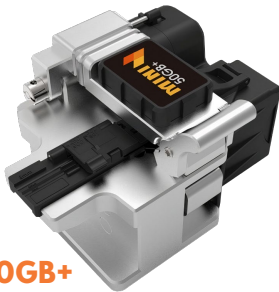
Mini 12R+

Ordering Codes		MTVC1032	MTVC1033
Model		Mini 100CA+ 4-IN-ONE	Mini 12R+ Ribbon
Splicing	Method	Core Alignment DCID (Digitalized Core Image Detecting System)	Core Alignment (No Mirror Type LED*2)
	Loss	SM (0.01 dB)/MM (0.01 dB) DS (0.04 dB)/NZDS (0.04 dB) RL: >60 dB	SM (0.05 dB) / MM (0.02 dB) DS (0.08 dB) / NZDS (0.08 dB)
	Time	Quick: 7 Sec./SM SM: 10 Sec.	Typical 18 Sec.
	Mode	32 modes (Pre-set:5/User set-up:27)	70+ modes
	Attenuation	Available range: 0.1 – 20dB	Available range: 0.1 – 20dB
Applicable Fiber (Cable)	Fiber Type	SM (ITU-T G.652 & G.657) MM (ITU-T G.651) DS (ITU-T G.653), NZDS (ITU-T G.655)	SM (ITU-T G.652 & G.657) MM (ITU-T G.651) DS (ITU-T G.653), NZDS (ITU-T G.655)
	Coating Diameter	100 - 3000 µm	Single: 125/160 - 3000 µm
	Cladding Diameter	80 - 150 µm	Ribbon: 125 µm / Fibre Thickness 0.25 to 0.4mm
	Cleaved Length	< 250 µm, Coating: 5-16 mm ≥ 250 µm, Coating: 8-16 mm	10-13mm
Heating	Time	Avg. 10 Sec.	Typical 25 Sec.
	Mode	32 modes (Pre-set: 5 /User set-up: 27)	30 modes
	Applicable Sleeve	20 - 60 mm	40 - 60 mm
Stripper	Type	Full Automatic built-in modular	-
	Applicable Sleeve	250um ~ 900um	-
Hardware	Connectivity	USB (Type-C)	USB (Type Mini-B)
	Electrode Life Span	> 5500 arcs	3000 splices
	Data Storage	Splice records: 10000 / Images: 2000	Last 5,000 Splice Results
	Fiber Detection	Dual CCD camera with LED emitting system	2 Axis CMOS Camera
	Illumination	LED Spotlight	2x Red LED
	Display	Color 4.3" LCD monitor, with Touch Screen (Tempered Glass)	Color 4.3" Super Clear LCD monitor, with Touch Screen (Tempered Glass)
	Battery	Li-ion 11.1V 3500mAh, 200 cycles	110 cycles
	Bumper	Jelly Case	-
	Power supply	AC 100–240V input or DC 12.6V 2.0A	AC 100–240V input or DC 12.6V 2.0A
	Fiber display	X or Y with 260/130 Magnification	33X and 60X Magnification
	Weight	Splice: 1.3kg, Battery: 0.3kg, Cleaver: 0.3kg	1.39 kg (without battery)
	Dimensions	203x131x78mm / 203x215x78mm (w/ cleaver)	122 x 124 x 138 mm
Reliability	Wind protection	Wind Speed: 15 m/s (max.)	Wind Speed: 15 m/s (max.)
	Op. Environment	-10 to 50 °C / 0 - 95 % RH / Altitude: 0 - 5000 m,	-10 to 50 °C / 0 - 95 % RH / Altitude: 0 - 5000 m,
	Storage Conditions	-20 to 60 °C, 0 - 95 % RH, Battery: -20 to 40 °C	-20 to 60 °C, 0 - 95 % RH, Battery: -20 to 40 °C
	Pull test	1.96 - 2.25 N (standard)	1.96 - 2.25 N (standard)

Fiber Optic Cleavers



Mini 60A+



Mini 50GB+

Ordering Codes		MTVC1027	MTVC627
Model		Mini 60A+ One Touch Cleaver	Mini 50GB+ Cleaver
Operation	Type	Single & Ribbon fiber cleaver	Single Fiber
	Operation method	One Touch cleaving	2 steps/Auto Pushback Slider Block
Physical Specs	Weight/Dimension	280g/105*108*56mm (with Auto chip collector), 105*90*56mm(with trash bin)	392g/71*91*62mm
	Cladding Diameter	80~125um	80~125um
	Cleaving Length	Single Fiber:10~20mm/Ribbon fiber: 10mm	Single Fiber:8~20mm/Ribbon fiber: 10mm
Performance	Applicable Fiber	Single Fiber: 250um, 900um, 3.0mm fiber cable and indoor cable/Ribbon fiber: 2 to 12 ribbon fiber cable	250um, 900um, \$2mm, Φ3mm, Drop Cable
	Average Cleaving Angle	Single Fiber: 0.3°~0.9° (Ave.0.5°) Ribbon Fiber: 0.3°~1.2° (Ave.0.5°)	≤0.5°
	Typical Blade Life Span	60,000 times	50,000 times
Components	Holder	Single: Screw lock type_Universal(0.25~3.0mm) Ribbon: Magnetic detachable type Individual (2,4,6,8,12CH)	Universal Holder
	Auto Fiber Collector	Included	Included

HS-12 Fiber Optic Thermal Stripper



Ordering Code	MTVC728
Optical Fiber Material	Quartz Glass
Coating Materials	UV sclerotic resin
Cores of the fiber and thickness of the coating layer	Single-core Coating: 0.25- 0.4mm 2-12 cores Ribbon: 0.3 - 0.4mm
Fiber diameter	125 m
Stripped coating length	Max 30mm
Heating mode	Normal Mode/Node Mode
Temperature setup	4 levels 75°C~120 °C
Fiber fixed method	FH-2; FH-4; FH-6; FH-8; FH-10: FH-12: FH-250: FH-900:
Dimensions	137(W) X 30(D) X 37(H) mm
Weight	280g
Environment conditions	-10 to 50 °C, Humidity:0% ~95%



HS-12



SFI-10B Optical Fiber Identifier



Ordering Code	MTVC1034
Power	3V (AA x 2 alkaline)
Size	194 x 38 x 34 mm
Weight	120g (160g with batteries)
Battery Life	> 5,000 readings
Interface	Bluetooth (BLE) via Smartphone APP; NFC via Closure
Detection Sensitivity	-45 dBm @1310nm, -50 dBm @1550nm
Measurement Range	-50 ~ +10 dBm
Insertion Loss	< 0.5 dB @1310nm, < 2.0 dB @1550nm
Detected Wavelengths	800 ~ 1700nm
Detected Tones	270Hz, 330Hz, 1kHz, 2kHz
Signal Direction	Left, Right
Cable Diameter Range	250um ~ 3mm



SFI-10B

Ordering Codes

Ordering Code	Item Description
MTVC1026	Fiberfox MINI-5C+(P) Premium Core Alignment Splicer with 60A+ Cleaver
MTVC726	Fiberfox MINI-4S+ Active Alignment Splicer with Mini-50GB+ Cleaver
MTVC731	Fiberfox MINI-3S Active Alignment Splicer with Mini-50GB+ Cleaver
MTVC1032	Fiberfox MINI-100CA+ 4-IN-ONE Core Alignment Splicer with Mini-60A+ Cleaver
MTVC1033	Fiberfox MINI-12R+ Ribbon Core Alignment Splicer with Mini-50GB+ Cleaver
MTVC1027	Fiberfox MINI-60A+ One Touch Cleaver with Automatic Bin
MTVC627	Fiberfox MINI 50GB+, Optical fiber Cleaver with Automatic Bin
MTVC727	Fiberfox MINI 50G+, Optical fiber Cleaver with Manual Bin
MTVC728	Fiberfox HS-12 Thermal Stripper for Both Single and Ribbon Fiber
MTVC1034	Fiberfox SFI-10B Optical Fiber Identifier
MTVC628	Fiberfox Single Fiber Holder for HS-12
MTVC629	Fiberfox Ribbon Fiber Holder for HS-12
MTVC630	Fiberfox Tray Holder for 6S+ and 5C+
MTVC592	Fiberfox DC-12 Cleaver Blade - CA2-5
MTVC591	Fiberfox SE903 Spare Electrodes, SAC7 (Pair)
MTVC721	Fiberfox Manual Waste Bin CC3-1
MTVC641	Fiberfox Adapter and AC Power Cord Charger Set SAC-15
MTVC720	Fiberfox Fiber Holder (Cleaver) CCC-2



FIBER OPTIC HAND TOOLS

Visual Fault Locators - up to 50mW

Visual fault locators are a quick and easy tool for locating fiber problems points, preforming continuity tests and for fiber identification. The visual fault locator sends a red laser beam that makes any light escaping point glow red, and its power glow is enough to locate damages from up to 40 km.

Features

- Quickly and easily locate damages in optical fibers and cables
- Operates either in CW: Continuous Wave Mode or Glint : Flashing Wave Mode
- Wavelength: 650nm ± 20nm
- 2.5mm universal connector (1.25mm adapter available)
- Soft-sided carrying case with belt loop
- Compact, ergonomic design for ultimate portability
- Protective rubber end cap
- Storage Temperature -20/+70 °C, 90%RH
- Operating Temperature -10/+60 °C, 90%RH
- Power supply 2xAA batteries



Warning

Laser beams with power levels ≥ 1 mW can cause eye injury. In the event of direct eye exposure, lasers classified as Class II and higher may pose a hazard.

For more info
<https://telecom.samm.com/laser-hazard-classes-and-eye-safety>

Male 2.5mm to Female 1.25mm Adapter

Generally, fault locators come equipped with a 2.5mm universal adapter, which can be used directly to test FC, SC, and ST fiber patch cables. To test LC fiber patch cables, a male 2.5mm to female 1.25mm adapter is required. This adapter enables precise alignment using a Zirconia sleeve.



Visual Fault Locator Models

Model	VFL-1X	VFL-5X	VFL-10X	VFL-20X	VFL-30X	VFL-50X
Output Power Level	1 mW	5 mW	10 mW	20 mW	30 mW	50 mW
Maximum Range	≤ 5 km	≥ 5 km	≥ 10 km	≥ 20 km	≥ 30 km	≥ 40 km
Wavelength	650nm ± 20nm					
Laser Mode	LD					
Pulse Frequency	2Hz to 3Hz/9Hz					
Fiber Compatibility	Single Mode/Multi-Mode					
Connector	2.5 mm universal connector for FC/SC/ST adapters (LC adapter is available)					
Laser Safety Rating	Class I	Class III B				
Product Codes	MTVC616	MTVC736	MTVC617	MTVC642	MTVC755	MTVC643

Packaging

Packaging Size	190x70x35 mm
Packaging Weight	130 g
Customs Tariff Number	9013200099

Product Codes

MTVC616	VFL 1X_Visual Fault Lacottor 1mW w/o battery and 1.25 mm adapter
MTVC736	VFL 5X_Visual Fault Lacottor 5mW w/o battery and 1.25 mm adapter
MTVC617	VFL 10X_Visual Fault Lacottor 10mW w/o battery and 1.25 mm adapter
MTVC642	VFL 20X_Visual Fault Lacottor 20mW w/o battery and 1.25 mm adapter
MTVC755	VFL 30X_Visual Fault Lacottor 30mW w/o battery and 1.25 mm adapter
MTVC643	VFL 50X_Visual Fault Lacottor 50mW w/o battery and 1.25 mm adapter
MT08816	ADP-VFL-125_Male 2.5mm to Female 1.25mm Fiber Optical Adapter

Fiber Optic Cable Strippers

These fiber and wire strippers are versatile, high-quality tools designed to handle a wide range of jackets, buffers, coatings, and wires with precision. With ergonomic rubber handles, durable construction, and lightweight designs, they ensure reliable performance, ease of use, and comfort for both fiber optic and electrical applications.

FTHS-3 Tri-Hole Fiber Cable Stripper Three-hole fiber stripper designed to strip all common fiber types in one tool. Handle: Yellow TPR Includes hole for removing 1.6–3.0 mm fiber jackets Removes 900 µm tight buffer down to 250 µm buffer coating Standard stripping from 250 µm coating to 125 µm fiber Strips jacket, buffer, and acrylate coating; cable sizes: 125 µm, 250 µm, 900 µm, 1.6–3.0 mm Tool Dimensions: Length 152mm, Weight: 110g, Packing Dimensions: 170×70×15mm, Packing Weight: 125g	Item Code: MT13404 
FFHS-5 Five-Hole Fiber Cable Stripper Five-hole fiber stripper designed to strip all common fiber types in one tool. Handle: Red/Black TPR Includes holes for removing 2.0-2.4 mm and 2.8-3.0 mm jackets Also removes 2.0-3.0 mm loose tubes with ease Strips 900 µm tight buffer down to 250 µm, and 250 µm coating to 125 µm fiber Handles jacket, buffer, and acrylate coating; cable sizes: 125 µm, 250 µm, 900 µm, 2.0-2.4 mm, 2.8-3.0 mm Tool Dimensions: Length 175mm, Weight: 145g, Packing Dimensions: 180×75×15mm, Packing Weight: 160g	Item Code: MT17914 
FMWS-7 Seven-Hole Multiwire Striper Seven-hole multiwire stripper designed to strip all common fiber and wire types in one tool. Handle: Green TPR Compact and lightweight, with easy wire stripping capability Suitable for AWG sizes 10, 12, 14, 16, 18, 20, and 22 Also fits metric sizes 0.6, 0.8, 1.0, 1.3, 1.6, 2.0, and 2.6 mm Features lockable jaws for storage and built-in wire cutting Tool Dimensions: Length 165mm, Weight: 122g, Packing Dimensions: 170×70×15mm, Packing Weight: 137g	Item Code: MT17978 

Fiber Optic Cable Kevlar (Aramid) Cutters

Kevlar cutters are specifically designed to cut Kevlar strength members found in fiber optic cables. Their ergonomic molded handles provide comfortable use for both right- and left-handed users. The blades are made from carbon, molybdenum, and vanadium steel, ensuring durability and long service life. Micro-serrated edges help grip the Kevlar fibers during cutting, enabling cleaner and more controlled cuts.

FKC-1 Fiber Cable Kevlar(Aramid) Scissors Lightweight shears ideal for cutting Kevlar® strength members found in fiber optic cable construction Ergonomic molded handles provide comfort for both right and left handed users One micro-serrated blade reduces slippage for more positive cutting action Blades made from high carbon molybdenum, and vanadium steel for long life FKC-1 available with nylon pouch with belt loop Length: 140mm, Weight: 70g	Item Code: MT13406 
FKC-2 Fiber Cable Kevlar(Aramid) Scissor Cuts carbon fiber, glass fiber, plastic, canvas, upholstery, headliner, cloth string and many other materials Serrated blade for gripping materials. Non-Serrated blade can be sharpened for longer life of shears Blades made of high carbon alloy steel with Molybdenum & Vanadium HRC60±2, cutting edge hardness HV1200 & RoHS compliant for use in various industries Thermo-plastic elastomer handles creates a comfortable grip for repetitive action Length: 160mm, Weight: 60g	Item Code: MT13405 

Fiber Optic Mid-span Slitter Tools

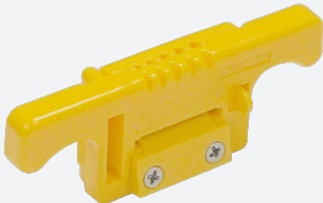
Mid-Span Slitting Tools are specifically designed to provide easy access to optical fibers within outer jackets and loose buffer tubes. They feature a wide range of precision grooves to accommodate various cable sizes. The ergonomic, streamlined design allows technicians to open fiber jackets or buffer tubes without damaging the fibers inside. The blade is made from a super alloy and has an ultra-sharp cutting edge for clean, precise slits.

FMST-01_5 Way Mid-Span Tube/Jacket Slitter Tool for Ø4.5-11.0mm	Item Code: MT13412
This mid-span slitter is an effective and necessary tool for terminating fiber optic cables	
With this precise and unique cable slitter, tube/cable jacket can be simply cut into two halves	
Mid-span access tool saves time and ensures uniformity in both field and plant applications	
Compatible diameters: 4.5mm, 6.0mm, 7.0mm, 8.0mm, and 11mm	
Tool dimensions (mm): 65x55x28 , Weight: 65g	

FMST-02_4 Way Mid-Span Tube/Jacket Slitter Tool for Ø1.5-3.3mm	Item Code: MT13411
This mid-span slitter is an effective and necessary tool for terminating fiber optic cables	
With this precise and unique cable slitter, tube/cable jacket can be simply cut into two halves	
Mid-span access tool saves time and ensures uniformity in both field and plant applications	
Compatible diameters: 1.5-1.9mm; 2.0-2.4mm; 2.5-2.9mm;3.0-3.3mm	
Tool dimensions (mm): 52x38x22 , Weight: 35g	

Fiber Optic Mid-span Shaving Tools

FMST-03 Mid-Span Striping(Shaving) Tool is designed to provide safe and easy access to the bare fibers in multiple buffer tube sizes by shaving a window opening in the loose buffer tube. With 5 precision grooves to handle various cable sizes, the sleek ergonomic design allows you to open a fiber jacket or buffer tube without damaging the fiber inside. The blade is made of super alloy and has a sharp knife edge.

FMST-03 Mid-Span Striping(Shaving) Tool	Item Code: MT15150
Allow a easy access to optical fibers	
Shaves precise opening to prevent fiber damage	
Locking mechanism ensures the tool will remain closed during operation	
Safe, compact & ergonomic design fits comfortably in hand for easy operation	
Rugged polymer construction is lightweight & durable	
5 convenient built-sizing channels quickly determine the proper diameter channel for buffer tubes ranging from 1.6 mm to 3.3 mm	
Tool dimensions (mm): 100x40x18 , Weight: 40g	

FMST-03 (or MSAT-5) Replacement Blade , 5 Blades/Pack with Mounting Screws	Item Code: MT01048
Spare blade part for MSAT-5 and FMST-03 Shaving Tools. Includes 5 Blades + 2 Screws	

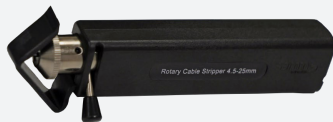
Fiber Optic Armoured Cable Slitter Tools

These professional tools are ideal for accurately cutting the sheath and armor of armored and heavy-duty cables, such as fiber feeder, center tube & stranded loose tube fiber optic cables, as well as various other non-fiber armored cables. With a convenient guide wheel, this cable stripper can get the job done in one step.

FACS-2 Armoured Cable Slitter for 4.0mm – 10.0mm Versatile design allows jacket or shield slitting on non-fiber optic configurations as well Tool slits outer polyethylene jacket and armor in one operation Performs longitudinal slitting and circumferential (ringing) for end stripping Blade rotates 90 degrees by activating blade lever, allowing easy mid-span preparation (ringing and slitting) Adjustable from 4 mm to 10 mm cable O.D. Adjustable blade depths to accommodate different cable coverings "Roller" style cable follower provides cable stability and allows for easier tool movement along the cable Tool dimensions (mm): 132x72x26, Weight: 284g	Item Code: MT18699 
FACS-1 Armoured Cable Slitter for 8.0mm – 28.6mm Versatile design allows jacket or shield slitting on non-fiber optic configurations as well Tool slits outer polyethylene jacket and armor in one operation Performs longitudinal slitting and circumferential (ringing) for end stripping Blade rotates 90 degrees by activating blade lever, allowing easy mid-span preparation (ringing and slitting) Adjustable from 8 mm to 28.6 mm cable O.D. Adjustable blade depths to accommodate different cable coverings "Roller" style cable follower provides cable stability and allows for easier tool movement along the cable Tool dimensions (mm): 132x72x26, Weight: 284g	Item Code: MT18698 
FACS-1/ FACS-2 Replacement Blade for Armored cable slitter Spare blade part for FACS-1/ FACS-2 slitters	Item Code: MT18700 

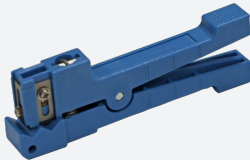
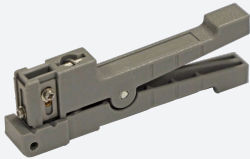
Fiber Optic Rotary Cable Jacket Stripper Tools

The Rotary Cable Stripper is a tool used for stripping fibre optic cables. It features a precision adjustment for consistent strip depth and is built for frequent, heavy-duty use.

FRCS-1 Rotary Cable Stripper 4.5mm – 25mm Strips cable ranging from 4.5mm – 25mm Simply extend the spring loaded head, puncture the cable's insulation with blade, release head to keep pressure on blade, and rotate tool around the cable Once insulation is broken free, the blade-like edge on the spring loaded head can be used to pull the cut insulation from the wire Tool dimensions (mm): 140x26x20 , Weight: 42g	Item Code: MT17913 
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Blade Ringer & Slitter Strippers

These tools are adjustable Blade Strippers feature two adjustable depth blades and one adjustable round slitting blade, allowing for precise stripping of various cable types and sizes. They are commonly used for fiber jackets, mini-coax prep, twisted pair cables, and other specialty copper cables where standard stripping products are not available.

SRT-1264 Slit and Ring Fiber Cable Stripper for 1.2mm-6.4mm Designed for ring and slit stripping of 1.2mm-6.4mm fiber optic cables Slitting V-block is removable and reversible to accommodate various diameters Adjustable slit blade and ring blade for exact strip cut depth Tool dimensions (mm): 72x53x12 , Weight: 42g	Item Code: MT16959 
IDEAL 45-163 Adjustable Blade Ringer Strippers for 5.6mm - 3.2mm_ Blue 45-163 - Cable Stripper for 5.6mm - 3.2mm O.D - Blue. Ring and slit tool Lightweight, compact, cost-effective stripper is simple to operate Adjustable blades can be set for any depth to help ensure nick-free strips Includes three straight and one round blade Tool dimensions (mm): 85x29x12, Weight: 55g	Item Code: MT17917 
IDEAL 45-162 Adjustable Blade Ringer Strippers for up to 3.2mm _ Grey 45-162 - Buffer tube Cable Stripper up to 3.2mm O.D - Grey. Ring and slit tool Lightweight, compact, cost-effective stripper is simple to operate Adjustable blades can be set for any depth to help ensure nick-free strips Includes three straight and one round blade Tool dimensions (mm): 85x29x12, Weight: 55g	Item Code: MT17918 

Fiber & Connector Termination Tools

FCT-1 Fiber Optic Connector 7 Size Hex Shape Crimping Tool The FCT-1 fiber optic crimping tool is designed to terminate fiber cords with optical connectors, and it is compatible with FC,SC,ST and LC connectors The FCT-1 fiber optic crimping tool is made of hardened carbon steel with black oxide finish, and it has 7 hexagon crimping holes: 1.07, 1.73, 3.25, 3.48, 3.84, 4.52 and 4.75 millimeters Length:140mm, weight: 70g	Item Code: MT13409 
400x Connector Microscope w/2.5mm & 1.25mm Adapter Magnification Options: Choose between 200x or 400x magnification for detailed inspections Illumination: Has a white LED light for coaxial illumination, enhancing the visibility of connector end-faces Power Supply: Operates on three "AAA" batteries, offering 40 hours of use before needing a replacement Controls: Has a quick on/off switch for the light source and a focus control wheel for precise adjustments Adapter Interface: Comes with a universal 2.5mm adapter compatible with SC, ST, and FC connectors Additional adapters available for 1.25mm LC and MU connectors	Item Code: MT16958 
FFDS-1 Flat Drop Optical Cable Stripper Tool for FTTH flat drop optical cable Universal Stripper for 3.1x2.0mm FTTH drop cables with steel wire or FRP strength member Simple jacket removing without fiber damaging Made of zinc alloy steel with PVC non-slip handle Improve cable splicing, more efficient and easy to use. Lightweight and compact Tool Dimensions: 110x30x20mm, Weight: 160g	Item Code: MT18701 

1.25mm LC/MU Universal Hand Polishing Disc High quality hand polishing disc for fibre optic connectors Universal design fits most 1.25 mm ferrule connectors including:LC and MU connectors Inside and outside rims designed for improved hand positioning while performing the polishing operation Channelled, raised base allows debris to escape easily and provide for easy polishing action High quality, precision machined stainless steel design for long life Tool dimensions (mm): Diameter: 40.0 mm , Height: 5.0mm, Weight: 30g	Item Code: MT13414 
2.5mm SC/FC/ST Universal Hand Polishing Disc High quality hand polishing disc for fibre optic connectors. Universal design fits most 2.5 mm ferrule connectors including:ST, SC and FC connectors Inside and outside rims designed for improved hand positioning while performing the polishing operation Channelled, raised base allows debris to escape easily and provide for easy polishing action High quality, precision machined stainless steel design for long life Tool dimensions (mm): Diameter: 40.0 mm , Height: 5.0mm, Weight: 30g	Item Code: MT13413 
FST-1 Pen Type Fiber Optic Scribe Tool_Double Ended Carbide Blade The non-slip, soft grip allows for fine control while cutting When not in use, each scribe comes with a clear safety cap to protect the blade from harm Ruby Tip, Carbide Tip, or Sapphire Tips, 30° Single Bevel (chisel) Cleaving of large-core fibers is aided by a 5.55 mm long contact area Cleaves bare Fiber to Produce Optical Quality Surfaces Scribes any excess fiber from the connector ferrule before polishing	Item Code: MT13407 
Double Ended Carbide Blade for FST-1 A spare blade for FST-1 DualScribe fiber optic cutting tool. This blade has two single bevel (chisel) sides with 30° cutting edges	Item Code: MT13408 
Ferrule Cleaning Wire 3PC/Tube Saves fiber optic connectors when a fiber breaks inside the ferrule during connectorization Removes broken optical fiber from bare fiber adapters Uses 102 µm diameter wire to apply epoxy to protruding fiber at the ferrule Includes sticky colored tabs for easier handling of the thin wire Supplied in containers with 8 pieces of 7.5 cm piano wire Convenient tool for fiber optic connectorization and maintenance	Item Code: MT19350 

Fiber Optic Essential Hand Tool Kit - STK01 - MT19191

The Fiber Optic Essential Hand Tool Kit – STK01 is a portable kit for fiber preparation, installation, termination, testing and troubleshooting. Ideal for FTTX, telecom, and data centers; it ensures precise, safe, and efficient fiber optic cable handling. It includes all the most frequently need tools and supplies required fiber optic work.



Product Contents

MT19191	STK01 SAMM Fiber Optic Essential Hand Tool Kit	Quantity
YT02938	SAMM Tool Bag Medium size: 260*155*190mm	1 pc
MTVC616	VFL 1X_Visual Fault Lacottor 1mW w/o battery and 1.25 mm adapter	1 pc
MT13404	FTHS-3 Tri-Hole Fiber Cable Stripper	1 pc
MT13406	FKC-1 Fiber Cable Kevlar(Aramid) Scissors	1 pc
MT15690	ADB-100 Automatic Alcohol Dispensing Bottle with Locked 100ml	1 pc
MT16959	SRT-1264 Slit and Ring Fiber Cable Stripper for 1.2mm-6.4mm	1 pc
MT17978	FMWS-7 Seven-Hole Multiwire Striper	1 pc
MT18701	FFDS-1 Flat Drop Optical Cable Stripper	1 pc
MTVC627	Mini 50GB+, Optical fiber Cleaver with automatic bin	1 pc
MTVC389	VIAVI OLP-35V2; Power Meter 2.5mm Universal 850/980/1310/1490/1550/ 1557/1625/1650nm -65 to +10dBm	1 pc
MT00758-100	Fiber Connector Endface Towels 10 X 10 CM (100 PC/Bag)	1 pc

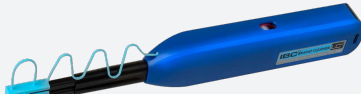


FIBER OPTIC CLEANING TOOLS

Pen Type Connector Cleaners_UsConec



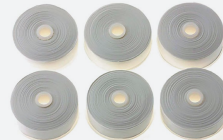
The US Conec IBC™ single fiber cleaners effectively clean fiber optic connectors using a dry, non-fraying cloth that lifts dust and debris without solvents. They feature an anti-static system to minimize contamination, a simple push-to-clean action with an audible click, and a lanyard-attached dust cap. The cleaners work on connectors both in-hand and behind panels, removing contaminants like graphite and skin oils.

9392_IBC™ UsConec Brand Pen Type Cleaner_SC_2.5 Connector Type SC, FC, ST, D4, E2000 Ferrule Size 2.5mm Number of Cleans 525+	Item Code: MT00069 
9393_IBC™ UsConec Brand Pen Type Cleaner_LC_1.25 Connector Type LC, MU Ferrule Size 1.25mm Number of Cleans 525+	Item Code: MT00065 
12910_IBC™ UsConec Brand Pen Type Cleaner_H125 Connector Type LC, MU, ARINC 800, ODC series, MXL38999, LuxCis series Ferrule Size 1.25mm Number of Cleans 525+	Item Code: MT00590 
14303_IBC™ UsConec Brand Pen Type Cleaner_LC 2 Duplex Connector Type Duplex Ferrule Size 1.25mm Number of Cleans 525+ (1,050+ ferrule endfaces)	Item Code: MT15876 
13309_IBC™ UsConec Brand Pen Type Cleaner_M16 Connector Type M38999 Ferrule Size 1.6mm Number of Cleans 525+	Item Code: MT00527 
12926_IBC™ UsConec Brand Pen Type Cleaner_M20 Connector Type SMPTE 304M, SMPTE 358M, MIL PRF 28876 Ferrule Size 2.0mm Number of Cleans 525+	Item Code: MT00591 
17669_IBC™ UsConec Brand Pen Type Cleaner_MTP®-16 Connector Type MPO/MTP-16 Ferrule Size MT-16 Number of Cleans 525+	Item Code: MT15877 
7104_IBC™ UsConec Brand Pen Type Cleaner_MTP®/MPO Connector Type MPO/MTP Ferrule Size MT Number of Cleans 525+	Item Code: MT02109 

Cassette Type Connector Cleaners_UsConec



The OPTIPOP R is a refillable fiber optic cleaning cassette designed to reduce the cost per clean. It uses an anti-static cleaning cloth that effectively produces a pristine fiber end-face and minimizes the attraction of contaminants. The pre-washed cleaning fabric generates fewer than 70 particles per cubic foot (CFM) larger than 1 micron, making the OPTIPOP R an ideal solution for high-precision cleaning in production environments.

6339, OPTIPOP R UsConec Brand Cleaning Casette MTP®-M (Male) Connector Type MTP/MPO-M 400+ cleans per unit Anti-static system produces pristine endface and minimizes contaminant attraction Refillable Cassette Tightly woven, engineered cloth design Washed cloth eliminates contamination from fibers	Item Code: MT00581 
6338, OPTIPOP R UsConec Brand Cleaning Casette Connector Type SC, ST, FC, E2000, LC, MU, MPO 400+ cleans per unit Anti-static system produces pristine endface and minimizes contaminant attraction Refillable Cassette Tightly woven, engineered cloth design Washed cloth eliminates contamination from fibers	Item Code: MT00062 
6232, OPTIPOP R UsConec Brand Cleaning Casette Re-Fill - 6 Pack 400+ cleans per unit Anti-static system produces pristine endface and minimizes contaminant attraction Tightly woven, engineered cloth design Washed cloth eliminates contamination from fibers	Item Code: MT00063 

Cleaning Swabs & Sticks

Fiber optic cleaning swabs are specifically designed to clean hard-to-reach areas of fiber optic connectors and components. They safely remove dirt, dust, oils, and other contaminants to ensure a clean connection surface, which helps maintain optimal signal transmission and prevents signal loss or damage.

SWAB-125C 1.25mm Fiber Optic Cleaning Swabs (50 pc/pack) Specifically designed to clean all 1.25 mm alignment sleeves, adapters and LC, MU connectors May be used wet or dry to remove dirt and oil contamination Suitable for use with water-based fiber optic solvent cleaners Available in bag packaging or durable, field-ready, transparent tubes 50 pieces per tube.	Item Code: MT17915 
SWAB-250C 2.5mm Precision Fiber Optic Swabs (50 pc/pack) Specifically designed to clean all 2.5 mm alignment sleeves, adapters and SC, FC and ST connectors May be used wet or dry to remove dirt and oil contamination Suitable for use with water-based fiber optic solvent cleaners Available in bag packaging or durable, field-ready, transparent tubes 50 pieces per tube.	Item Code: MT17916 

Fiber Connector Cleaning Pens SC/LC/MPO/MTP



Seikoh Giken FerruleMate 2.0 is the next generation of fiber cleaners, offering the widest cleaning area on the market through a patented rotating cleaning tip and unique Slide-Guide non-slip micro tape feeder. Designed with a Push-Click operation, the contoured tip fits seamlessly into feed-through adapters, providing an audible "click" to confirm successful cleaning. It effectively cleans beyond the critical fiber core deep into the contact area, delivering durability, reliability, and ultra-low cost per clean.

SFM2.0-125



SFM2.0-250



SFM2.0-MPO



Features

- **Patented 360-Degree Rotational Tip:** Provides extra-wide, superior ferrule end-face cleaning.
- **Simple Push-to-Clean Action:** Easy one-push operation with an extendable/retractable contoured nozzle.
- **High-Performance Material:** Highly effective, non-fraying, non-woven microfiber cloth.
- **Anti-Static Design:** ESD-safe, static-dissipative plastic resin body minimizes contaminant attraction.
- **High Capacity:** Offers 800+ cleanings per unit for single-fiber models and 500+ for MPO models.
- **Versatile Cleaning:** Cleans cable assemblies both in-hand and in-situ/behind panel connectors.

Applications

- Inside Plant distribution panels and assemblies
- Outdoor pedestal bulkheads for FTTx installations
- Server cards, optical switches, routers, and OADMs female modules
- Cable assembly production environments
- Benchtop Testing and Final Inspection pack-out stations

Standards Compliance

- IEC-61300-3-35
- IEC-TSB-XYZ
- Telcordia GR-2923-CORE
- iNEMI
- Cisco EDCS 7027180
- Compliant with EU/95/2002/EC Directive (RoHS)

FerruleMate Pen Type Cleaners

Product Illustration			
Model	SFM2.0-250	(SFM2.0-125)	(SFM2.0-MPO)
Applicable Connectors	SC, FC, ST, D4, E2000	LC, MU	MPO / MTP
Ferrule	2.5mm (PC & APC)	1.25mm (PC & APC)	6.4 x 2.5 mm (PC & APC)
Cleaning Capacity	800+	800+	500+
Dimensions	L 230 x W 30 x H 40 mm (Including cap)		
Weight	85 g		
Cleaning Material	Lint-free, zero-static non-woven micro fiber		
Body Material	Static dissipative plastic resin (ESD safe)		
Product Code	MT19334	MT19336	MT19337

Pen Type Connector Cleaners_Pico Clean

BFC 250 Fiber Connector Endface Cleaner Pen for SC/FC/ST/E2000	Item Code: MT13401
Connector Type SC, FC, ST, D4, E2000	
Ferrule Size 2.5mm	
Number of Cleans 800+	
BFC 125 Fiber Connector Endface Cleaner Pen for LC/MU	Item Code: MT13402
Connector Type LC, MU	
Ferrule Size 1.25mm	
Number of Cleans 800+	
MCT 12/24 Fiber Connector Endface Cleaner Pen for MPO/MTP	Item Code: MT13403
Connector Type MPO/MTP	
Ferrule Size MT	
Number of Cleans 600+	

Cassette Type Connector Cleaners_SAMM

Refillable Connector Cassette Cleaner for MPO with Pins	Item Code: MT18697
Compatible with SC, FC, ST, E2000, LC, MU, MPO connector types	
Ensures consistent high-quality cleaning without alcohol or solvents	
Palm-sized, lightweight, safe for lab, production line, or field use	
Features replaceable cleaning tape for cost effectiveness	
Each tape supports over 500 cleaning wipes	
Excellent anti-static properties prevent dust reattachment	
Refillable Connector Cassette Cleaner	Item Code: MT09477
Compatible with SC, FC, ST, E2000, LC, MU, MPO connector types	
Ensures consistent high-quality cleaning without alcohol or solvents	
Palm-sized, lightweight, safe for lab, production line, or field use	
Features replaceable cleaning tape for cost effectiveness	
Each tape supports over 500 cleaning wipes	
Excellent anti-static properties prevent dust reattachment	
Spare Reel for Connector Cassette Cleaner	Item Code: MT09478
500+ cleans per unit	
Anti-static system produces pristine endface and minimizes contaminant attraction	
Tightly woven, engineered cloth design	
Washed cloth eliminates contamination from fibers	

Cleaning Wipes

Cleaning wipes are designed to safely and effectively clean sensitive surfaces by removing dust, oils, and contaminants without leaving lint or residue. They are ideal for cleaning fiber optic connectors, laboratory instruments, camera lenses, and delicate electronic components to ensure optimal performance and prevent signal interference.

Kimwipes™ Delicate Task Wipers 280 wipes 210x110mm	Item Code: MTVC734
280 wipes per box	
High quality low lint wipe	
Soft and non-abrasive, extremely absorbent	
Ideal for laboratories and manufacturing facilities	
Wet or dry cleaning for fiber optic connectors	
Fiber preparation before splicing or terminating connectors	
Cleaning of laboratory equipment and electronics	
Fiber Optic Connector Cleaning Cube 100 Sheets, 50x110mm	Item Code: MT08783
100 wipes per box	
Fiber Optic Cleaning Platform to clean fiber optic end faces	
The fiber-safe foam platen on the side of the box provides the ideal cleaning surface	
Used for fiber optic end-face connector cleaning or splice preparation	
The high-precision, lint-free material resists tearing and shredding	
Suitable for wet or dry connector cleaning	

Alcohol Dispenser Bottles

The liquid and alcohol dispenser bottles are available in 100ml, 200ml, and 250ml capacities. Each bottle is equipped with a spill-proof cover that prevents leaks and safeguards the contents from contamination and backflow. SAMM fiber optic hand tools are designed for professionals in FTTX and 5G infrastructure, delivering exceptional reliability and precision for field operations.

ADB-100 Automatic Alcohol Dispensing Bottle with Locked 100ml	Item Code: MT15690
The One-Touch pump handles aqueous or alcohol-based liquids	
Each stroke gives 0.7cc of liquid to reduce fumes and waste	
Cover prevents drain back of pollutants into bottle	
High-density polyethylene (HDPE) alcohol container	
A spill-proof locking top designed prevents leakage	
Tool dimensions (mm): 53x53x80	
ADB-200 Automatic Alcohol Dispensing Bottle with Locked 200ml	Item Code: MT15691
The One-Touch pump handles aqueous or alcohol-based liquids	
Each stroke gives 0.7cc of liquid to reduce fumes and waste	
Cover prevents drain back of pollutants into bottle	
High-density polyethylene (HDPE) alcohol container	
A spill-proof locking top designed prevents leakage	
Tool dimensions (mm): 53x53x105	
ADB-250 Plastic Twist-Lock Automatic Alcohol Dispensing Bottle 250ml	Item Code: MT15692
White polyethylene 250ml bottle with a polypropylene pump	
Twist-lock plastic pump prvents spillage, fumes and waste	
Wide base prevents it from falling over when using the pump	
Built in cap with living hinge for easy closing	
Easy one handed operation	
Tool dimensions (mm): 60x70x140	

Fiber Optic Essential Cleaning Tool Kit - SCK01 - MT19190

The Fiber Optic Essential Cleaning Tool Kit – SCK01 is a portable kit for fiber preparation, installation, termination, testing and troubleshooting. Ideal for FTTX, telecom, and data centers; it ensures precise, safe, and efficient fiber optic cable handling. It includes all the most frequently need cleaning tools and supplies required fiber optic work.



Product Contents

MT19190	SCK01 SAMM Fiber Optic Essential Cleaning Tool Kit	Quantity
YT02937	SAMM Tool Bag Small size: 230*160*150mm	1 pc
MT13401	BFC 250 Fiber Connector Endface Cleaner Pen for SC/FC/ST/E2000	1 pc
MT13402	BFC 125 Fiber Connector Endface Cleaner Pen for LC/MU	1 pc
MT13403	MCT 12/24 Fiber Connector Endface Cleaner Pen for MPO/MTP	1 pc
MT17915	SWAB-125C 1.25mm Fiber Optic Cleaning Swabs (50 pc/pack)	1 pc
MT17916	SWAB-250C 2.5mm Precision Fiber Optic Swabs (50 pc/pack)	1 pc
MT08783	Fiber Optic Connector Cleaning Cube 100 Sheets, 50x110mm	1 pc
MT15691	ADB-200 Automatic Alcohol Dispensing Bottle with Locked 200ml	1 pc
MT09477	Refillable Connector Cassette Cleaner	1 pc
MT00758-100	Fiber Connector Endface Towels 10 X 10 CM (100 PC/Bag)	2 pcs



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