

Termination and Test Tools

V.3.1

OPTRONICS
 TOOLS

TRI HOLE STRIPPER

Description	Part No.
Fibre Optic Stripper	OPT-FOS

This hard wearing, easy to handle fibre optic stripping tool includes three stripping guides for: 2mm outer jacket, 900µm Buffer, and 250µm acrylic coating. Safety catch and factory set adjuster.



JACKET STRIPPER

Description	Part No.
Jacket Stripper	OPT-CS

Ideal for stripping jackets from backbone cable between 4.5mm and 25mm in diameter. A small rotating blade accurately splits the circumference of the jacket, then by flicking a switch, the same blade will rotate 90° and is used to split the jacket down one side for easy removal.



CARBIDE PEN CLEAVER

Description	Part No.
Carbide Pen Cleaver	OPT-CPC

This well presented pen-style scribe, uses a 30° wedge shaped carbide tip. Its design makes for quick and precise cleaving of optical fibre.



KEVLAR SCISSORS

Description	Part No.
Kevlar® Scissors	OPT-KS

These light-weight shears are ideal for cutting the Kevlar® strength members found in fibre optic cables. Ergonomic, moulded handles provide comfort for both right and left-handed users. The one micro-serrated blade reduces slipping for more positive cutting action. Length: 140mm Weight: 79g.



UNIVERSAL CRIMP TOOL

Description	Part No.
Fibre Optic Crimp Tool	OPT-FOCT

This professional ratchet-style crimping tool is constructed of solid steel. The rubber handle provides a firm grip and includes a ratchet mechanism for consistent crimping.

Crimp Specifications:

.78" / .151" / .128" / .78" / .068" / .042"
 (4.52 / 3.84 / 3.25 / 2.0 / 1.72 / 1.07mm)



Kevlar is a registered trademark of DuPont



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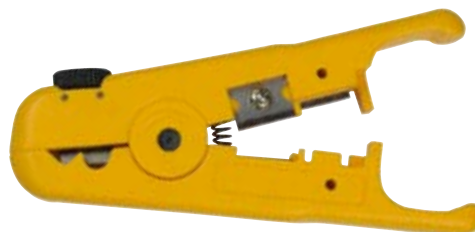
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UNIVERSAL STRIPPER

Description **Part No.**

 Universal Data Stripper **OPT+UTPS**

This tool is ideally used for stripping the jacket from round data cable such as UTP and STP. With an adjustable blade it will strip from 3.2mm to 9mm on flat cable, irregular out of shape cable or even multi-conductor cable.



UTP/STP CYCLOPS STRIPPER

Description **Part No.**

 Cyclops Stripper **OPT+CYCLOPS**

An outer sheath stripper for all types of data, audio and fibre optic cables. Completely automatic, no adjustments required. For cables up to 11mm in diameter.

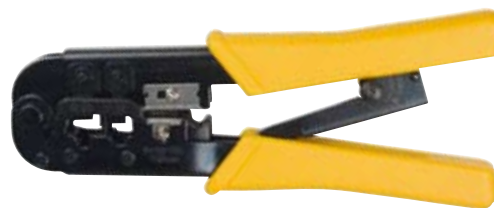


MODULAR CRIMP TOOL

Description **Part No.**

 Modular Crimp Tool **OPT-RJCT**

A compact, lightweight and durable tool which can be used to crimp RJ45, RJ12 or RJ11 connectors onto data cable. In addition to crimping it can also be used to cut and strip round cable - although we recommend you use OPT+UTPS to perform this particular task.



IMPACT PUNCH DOWN TOOL

Description **Part No.**

 Impact Punch Down Tool **OPT+IPPT-S**

 Spare Scissor Blade **OPT+IPDT-SB**

The impact punch down tool comes with an adjustable Hi-Lo pressure selector. The hook and tracer makes tracing and removing wires easy, and the twist lock style holder gives the ability to quickly and safely change blades.



NETWORK TESTER

Description **Part No.**

 Network tester **OPT+NT**

This basic level network tester will comprehensively test each twisted pair through RJ45 or RJ11 connectors. An easy red and green light system will notify you of which pairs are fully functional and which are faulty. Comes with remote end terminator for testing links and patchcords. Requires 1X 9V battery (not included).



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CLAUSS FIBRE OPTIC STRIPPER

Description	Part No.
Quality fibre optic cable stripper	CFS-2

The CF2-2 stripper incorporates two holes for stripping fibre optic cable. The first size accurately removes 250µm coatings and 900µm buffer tube. The second hole is able to strip cable jackets up to 3mm diameter.



MILLER TRI-HOLE FIBRE OPTIC STRIPPER 1

Description	Part No.
Tri-hole fibre optic cable stripper	FO103-T-250-J

The tri-hole fibre optic stripper is an exceptional tool, recommended for stripping 250µm coated loose tube fibre and 900µm buffer tube. This stripper has a .0055" (0.14mm) laser drilled hole, soft plastic cushioned handle grip, and super accurate hardened stripping jaws ensuring a clean smooth stripping action.



MILLER DUAL-HOLE FIBRE OPTIC STRIPPER 2

Description	Part No.
Dual-hole fibre optic stripper	FO103-D-J

The FO103-D-J A 140µm diameter hole and V-opening in the blade make this tool ideal for stripping 250µm buffer coating, to expose 125µm clad fibre. A second hole strips 2-3mm fibre jackets. It is pre-set at the factory so no adjustments are needed.



MILLER FIBRE OPTIC STRIPPER

Description	Part No.
Miller V-hole fibre optic strippers	FO103-S

These factory set strippers require no adjustment and prevent scratching or nicking of optical fibre. All cutting surfaces are precision formed, hardened, tempered and ground, assuring precise buffer removal.



NO-NIK FIBREOPTIC STRIPPER

Description	Part No.
NO-NIK 200µm fibre optic stripper	NNXXX

- ▶ Colour-coded, cushion-grip handles for quick identification
- ▶ Cutting blades made from razor quality steel score the buffer completely
- ▶ Back-up blades support the cutting blades, nest positively, and "lock up" when the tool is closed to maintain perfect concentricity
- ▶ Buffer being removed acts as guide and protection for the fibre
- ▶ Stripping blade diameter clearly marked on plastic head
- ▶ Arrow indicates direction pressure should be applied when stripping



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ABECO "CC" SERIES CABLE CUTTER / STRIPPER

Description	Part No.
Cable cutter	CC60

These durable cable cutters are designed to strip solid and stranded copper and aluminium conductor. Constructed of high quality carbon steel the preformed rounded jaws automatically position for optimum cutting.



ABECO JACKET STRIPPING TOOL

Description	Part No.
Jacket stripping tool	MK02

This stripper can be used on 4.5 to 28.5mm cable insulations and has an adjustable cutting depth of 3mm, as well as alternative blade options to suit different jacket types. Its stripping action is both circumferential and longitudinal, for the removal of insulation or mid span wires.



ABECO JACKET STRIPPING TOOL

Description	Part No.
Jacket stripping tool	MK01A

Designed for precision stripping of a variety of insulation types including rubber, PVC, nylon, cotton and coaxial cables from 8mm to 25mm diameter. Its stripping action is both circumferential and longitudinal for the removal of insulation or mid-span wires.



RIPLEY MAGNI TWEEZERS

Description	Part No.
Magni tweezers	MT-1

This handy stainless steel tool is specifically suited to fibre optic applications. Its integral magnifier improves ability to work with small fibre optic segments.



MILLER ARMoured CABLE SLITTER

Description	Part No.
Armoured Cable Slitter	ACS

Professional grade tool ideal for slitting the corrugated copper, steel or aluminium armour layer on Fibre Feeder, Central Tube, Stranded Loose Tube fibre optic cables and other armoured cables.



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Optical Fibre Identifier

V3.2

Description

Check for live network traffic and measure relative signal power anywhere on a multimode or singlemode fibre without the need for disconnection thus avoiding any disruption to service provision. Simply place the fibre into the appropriate adapter head and by using a non-destructive macrobending technique, the OPT-OFI will detect any optical signal being transmitted without stressing and damaging the fibre itself. In the presence of any traffic a clear LED light indicates the direction of travel. Four interchangeable adapter heads are available for various fibre and cable types: 250µm, 900µm, 2mm and 3mm.

Features

- > Easy-to-use with "ONE KEY" operation
- > Efficiently identifies the traffic direction and Displays the core power of the fibres
- > Detect frequency tone when used with tone generator (270 Hz, 1kHz, 2kHz)
- > Low bending loss and highly efficient output
- > Easy-to-replace adaptors
- > Durable metal housing and quality construction

Technical Specifications

PARAMETER	VALUE	
Identified Wavelength Range (nm)	800-1700	
Identified Signal Type (Hz)	CW, 270 ±5%, 1k±5%, 2k ±5%	
Detector Type	1mm InGaAs 2pcs	
Adapter Type	250μm (Applicable for Bare Fiber)	
	900μm (Applicable for 0.9 Cable)	
	2mm (Applicable for 2.0 Cable)	
	3mm (Applicable for 3.0 Cable)	
Signal Direction	Left & Right LED	
Singe Direction Test Range	-46 to 10(1310nm)	
(dBm, CW/0.9mm bare fiber)	-50 to 10(1550nm)	
Signal Power Test Range	-50 to 10	
(dBm, CW/0.9mm bare fiber)		
Signal Frequency Display (Hz)	270, 1k, 2k	
Frequency Test Range (dBm, Average Value)	900μm, 2mm, 3mm	-30 to 0 (270Hz,1KHz)
		-25 to 0 (2KHz)
	250μm	-25 to 0 (1KHz,2KHz)
		-20 to 0 (2KHz)
Insertion Loss (dB, Typical Value)	0.8 (1310nm)	
	2.5 (1550nm)	
Alkaline Battry (V)	9	
Operating Temperature (°C)	-10 to 60	
Storage Temperature (°C)	-25 to 70	
Dimension (mm)	196 x 30.5 x 27	
Weight (g)	200	



Ordering Information

PRODUCT	PART NO
Optical Fibre Identifier	OPT-OFI
Standard Accessories: 4pcs adapter heads, alkaline battery, user manual, cotton swabs, soft carrying case	



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Field Installable Connector Preparation Kit

V.3.0

Description

Optronics field-installable connectors make fibre terminations fast, easy and reliable. These fibre optic connectors offer terminations in less than five seconds without any hassles and require no epoxy, polishing or crimping.

To accompany these connectors FibreFab can also supply all the items needed for their preparation in a handy tool kit. The kit comes complete with all the tools to strip, clean and cleave the fibre. An enhanced preparation kit also contains a visual fault locator for continuity checking and a handheld inspection scope to ensure the connector is free from potentially harmful dirt and contamination.



Kit Contents

ITEM	QUANTITY
FibreCare Fibre Preparation Fluid FPF03M - 3oz Pump Bottle	1
Kevlar scissors	1
High Performance Precision Cleave Tool	1
Optronics Soft Carry Case	1

ITEM	QUANTITY
Lint Free Cleaning Tissue - 100x100mm - Pack of 100	1
FibreCare Fibre Preparation Fluid FPF03M - 3oz Pump Bottle	1
*Handheld Fibre Inspection Scope 200x - inc. 2.5mm/1.25mm Adaptors (Available with PlusKit)	1
*OptronicsTEST VFL Visual Fault Locator OPTVFL - 2.5mm Metal Connector (Available with PlusKit)	1

Ordering Information

DESCRIPTION	PART NO.
Field Installable Connector Preparation Kit	OPT-FIC-PREPKIT
Field Installable Connector Preparation Kit and Inspection Kit	OPT-FIC-PREPKITPLUS