



FIBER OPTICS

Fiber Optic Tools Technical Basics

Pro'sKit® is a leading supplier of fiber optic tools and accessories. The **Pro'sKit®** one-stop shop provides complete solutions for fiber optic termination tools such as strippers, Kevlar cutters, viewing scope, testers, fiber scribes, and cleaning kit.

Fiber Optic Connectors:

ST connector



For datacom and telecom, widely used

SC connector



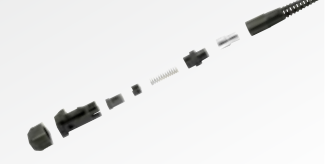
For multimode, rarely single mode, APC not possible

LC connector



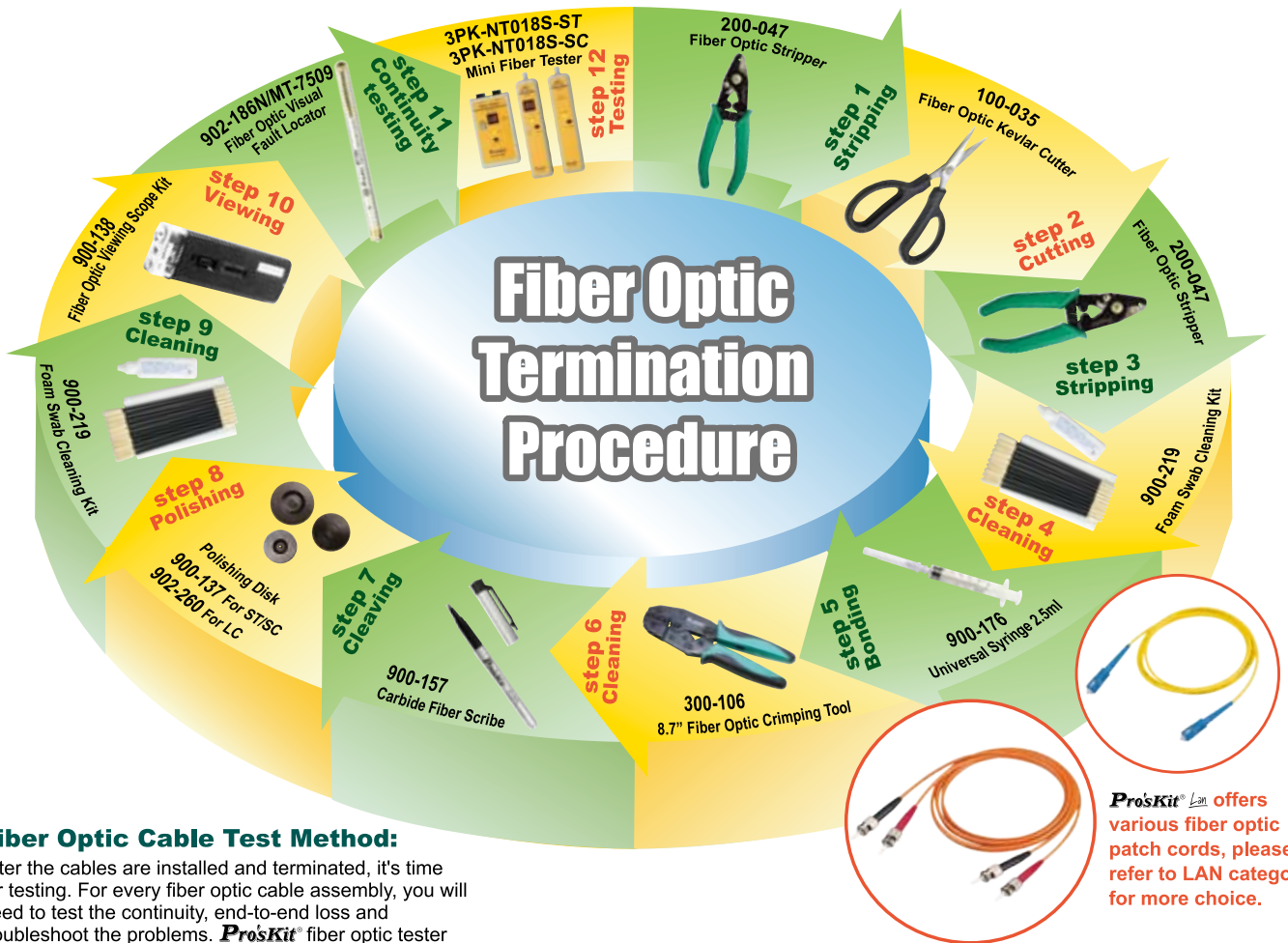
For high-density connections, SFP transceivers

MTRJ connector



For duplex multimode connections

• Please refer to our LAN category to find above products. You will also see many LAN Cat5e/6 accessories, including Patch Panel, Keystone Jack, Patch cord, Modular Plug, Flush Plate & Back Box, Inline coupler and Fiber Optic accessories. Welcome to explore it and find what you are looking for!



Fiber Optic Cable Test Method:

After the cables are installed and terminated, it's time for testing. For every fiber optic cable assembly, you will need to test the continuity, end-to-end loss and troubleshoot the problems. **Pro'sKit®** fiber optic tester will help to do this step more efficiently.

Continuity test by 902-186N/MT-7509



Continuity test



Break in fiber

End-to-end loss test by 3PK-NT018S/N series.



902-186N Fiber Optic Visual Fault Locator

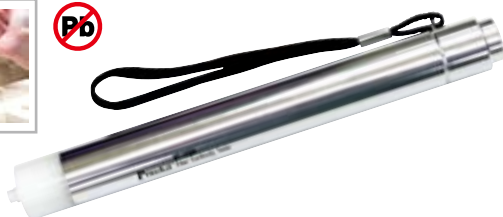


Model No.	Connector type	Light source	Nominal wavelength	Battery	OAL	Individual packing
902-186N	2.5mm/0.1" (FC/SC/ST)	Class 3A laser diode	650±10nm	1.5V AAA x2pcs (Not included)	Ø13.5x155mm/ Ø0.53"x6.1"	Color box with black EVA inner case
MT-7509	1.25mm/0.05" (LC)	Class 3A laser diode	650±10nm			

MT-7509 Fiber Optic Visual Fault Locator

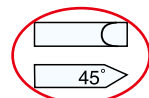


900-168 Fiber Continuity Tester



Light source	Battery	OAL	Individual packing
Bulb	1.5V AAx2pcs (Not included)	Ø 18x160mm Ø0.71"x6.3"	Blister card

900-157 Carbide Fiber Scribe



OAL	Individual packing
Ø12x130mm/Ø0.47"x5.12"	Blister card

100-035 Fiber Optic Kevlar Cutter



Micro serrated



For cutting Kevlar fiber optic cable



Handle material	Blade HRC	Hardness (Cutting edge)	OAL	Individual packing
TPR	60°~62°	HV1200	160mm/6.3"	Blister card

200-047 Fiber Optic Stripper



Strips 125 micron glass fiber with 250 micron buffer coating without scratching or nicking glass fiber.



Material	HRC	OAL	Individual packing
S50C	48°±2°	148mm/5.8"	Blister card

900-138 Fiber Optic Viewing Scope Kit



Made in USA

This fiber optic viewing scope kit makes it simple to view ST/SC Pre-encapsulated FDDI, and the ends of fiber before and after cleaving operations.

Magnification	Light source	Battery	OAL	Individual packing
100X Adjustable	Bulb 2.25V/0.25A	1.5V AAx2pcs (not included)	148x46x25mm/ 5.8"x1.8"x0.98"	Blister card

900-176 Syringe Pck



Individual packing
Poly bag+Header card (3pcs/pack)

900-219 Foam Swabs Cleaning Kit

For clean up of organic & inorganic residue in clean room and other areas. May be used in the following applications.

- Fiber optic accessories
- Printer carriage
- Tape heads
- Mouse trackball
- Keyboards
- Corona wires
- Ink cartridge/Chamber
- Laser printer rollers
- Fax machine scanners and much more.....



Individual packing

Blister card

900-137/902-260 SC/ST/LC Polishing Disk



900-137
(For SC/ST)



902-260
(For LC)



- Inserts connector into the polishing disc.
- Polishing like "8" character on sanding sheet.

Individual packing

Blister card

500-023 Fiber Optic Tool Kit

Contents

Crimper - with additional die for more connector types (.100"/.213"/.218"/.190" and .042/.068/.151/.178/.213)
Nick-free strippers
Ergonomic wire cutters
Kevlar cutting scissors
TrueView fiber scope kit
SC/ST/FC polishing disks
Double-sided component box
Swabs
Alcohol bottle
Syringe
Tweezers
Chisel tip scribe
Zippered case



Individual packing

Inner box + Color label shrink

PK-6940/PK-6942 Fiber Optic Tool Kit

PK-6940	PK-6942
Fiber optic visual fault locator (For LC connector)	(None)
Fiber optic visual fault locator (For FC/SC/ST connector)	
Foam swabs cleaning kit	
Fiber optic viewing scope kit (SC/PC/FC)	
Fiber optic viewing scope disk (LC)	
Fiber optical stripper	
Carbide fiber scribe	
LC/SC/ST Fiber polishing disk	
Universal syringe 2.5ml	
8.7" fiber optic crimping tool	
Fiber optic kevlar cutter	
Utility component storage box	
Deluxe compact tool case (250x210x90mm/9.8"x8.3"x3.5")	

Individual packing

Color box

