WES.NEWS — March 2018

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19-IN-1 OPTICAL FIBRE TOOL KIT

HAND TOOLS FOR WORKING WITH FIBRE OPTIC CABLES

This integrated tool kit applies for fibre optic cabling, telecom system maintenance, cable cut-connect operation. It gathers many kinds of hand tools, solve a variety of technical difficulties for fibre optic cable cutting/stripping/slitting/cleaning. Including cable slitters, fibre optic strippers, pliers, cutter and scissors, screwdrivers, wrench, measuring tape, markers and heat shrink tubes, etc.

• This kit includes:-
• Fibre Optic Strippers
• 8" Adjustable Wrench
• Kevlar Scissors
• Screwdriver with interchangeable tips
• Phillips Screwdriver
• Jacket Stripper
• 3.5m Measuring Tape
• Round Cable Cutter
• Precision Tweezers
• Wire Rope Cutter
• Black Marker
• 6" Lineman's Plier (155mm)
• Needle Node Plier (135mm)
• 6" Side Cut Plier (130mm)
• Precision Art Knife
• 125ml Leakproof Plastic Bottle
• 100x Optical Fibre Heat Shrinkable Tubes
• 8PCS Hex Key Set
• Carrying Tool Case (385×275×110mm)

Code
OPTOK702

Hex Key Set

Bottle

Marker

Measuring Tape

Wire rope cutter

Round cable slitter

Longitudinal cable slitter

100pcs Heat shrink sleeves

Screwdriver

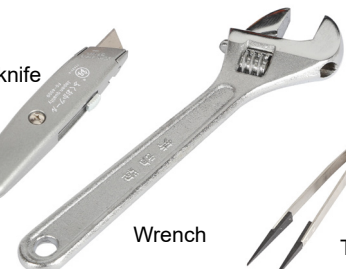Screwdriver + 2x 6 tips

Fibre Optic Strippers

Pliers

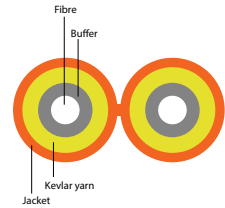Fibre Optic Kelvar Cutter

Art knife

Wrench

Tweezers

☐ Bulk Fibre Optic Cables & Accessories

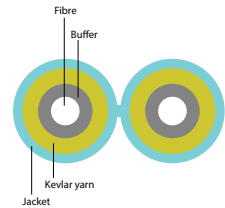### OM1 MULTIMODE DUPLEX FIBRE OPTIC CABLE 500M

ZIPCORD TYPE

Speed	Micron	Length	Code
1Gbps	62.5/125	500M	OPOM1-500

OM4 MULTIMODE DUPLEX FIBRE OPTIC CABLE 500M

ZIPCORD TYPE

Speed	Micron	Length	Code
40/100GbE	50/125	500m	OPOM4-500

OS2 SINGLEMODE DUPLEX FIBRE OPTIC CABLE 500M

**ZIPCORD TYPE**

Speed	Micron	Length	Code
1Gbps	9/125	500M	OPOS2-500
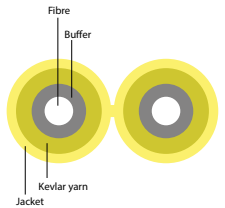
SC-UPC MULTIMODE PRE-POLISHED FAST CONNECTOR

PRE-POLISHED FERRULE FAST CONNECTOR

The SC-UPC fast connector are factory pre-polished, field-installable connectors that completely eliminate the need for hand polishing in the field. Proven mechanical splice technology ensuring precision fibre alignment and a low loss termination. These connectors are designed to use on 62/125um (OPTO504) or 50/125um multimode optical cables with a UPC end and has a SC type connector.

Micron	Code
62.5/125μm	OPTO504
50/125μm	OPTO507
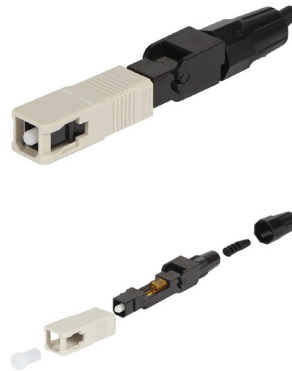
Connector Type:	SC
Polishing:	UPC
Ferrule:	Ceramic
Fiber Mode:	62.5/125μm Multimode (for OPTO504) and 50/125μm Multimode (for OPTO507)
Cable Diameters:	0.9mm
Dimension:	50mm
Insertion Loss:	≤0.35dB
Return Loss:	≥45dB
Tension Test:	≥100N

LC-UPC MULTIMODE PRE-POLISHED FAST CONNECTOR

PRE-POLISHED FERRULE FAST CONNECTOR

The LC-UPC fast connector are factory pre-polished, field-installable connectors that completely eliminate the need for hand polishing in the field. Proven mechanical splice technology ensuring precision fibre alignment and a low loss termination. These connectors are designed to use on 62/125um (OPTO505) or 50/125um (OPTO508) multimode optical cables with a UPC end and has a LC type connector.

Micron	Code
62.5/125μm	OPTO505
50/125μm	OPTO508

|	
Connector Type:	LC
Polishing:	UPC
Ferrule:	Ceramic
Fiber Mode:	62.5/125μm Multimode (for OPTO505) and 50/125μm Multimode (for OPTO508)
Cable Diameters:	0.9mm
Dimension:	50mm
Insertion Loss:	≤0.35dB
Return Loss:	≥45dB
Tension Test:	≥100N

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SC-PC SINGLE MODE PRE-POLISHED FAST CONNECTOR

PRE-POLISHED FERRULE FAST CONNECTOR

The SC-PC fast connector are factory pre-polished, field-installable connectors that completely eliminate the need for hand polishing in the field. Proven mechanical splice technology ensuring precision fibre alignment and a low loss termination. This connector is designed to use on 9/125µm single mode optical cables with a UPC end and has a SC type connector. The field assembly connector is an ideal solution for optical wiring inside buildings and floors for LAN and CCTV applications.
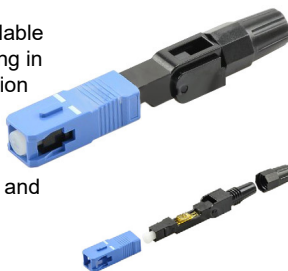
Code
OPTO500

Connector Type:	SC
Polishing:	PC
Ferrule:	Ceramic
Fiber Mode:	9/125µm Singlemode
Cable Diameters:	0.9mm
Dimension:	50mm
Insertion Loss:	≤0.35dB
Return Loss:	≥45dB
Tension Test:	≥100N

LC-PC SINGLEMODE PRE-POLISHED FAST CONNECTOR

PRE-POLISHED FERRULE FAST CONNECTOR

The LC-PC fast connector are factory pre-polished, field-installable connectors that completely eliminate the need for hand polishing in the field. Proven mechanical splice technology ensuring precision fibre alignment and a low loss termination. This connector is designed to use on 9/125µm single mode optical cables with a UPC end and has a LC type connector. The field assembly connector is an ideal solution for optical wiring inside buildings and floors for LAN and CCTV applications.

Code
OPTO502

Connector Type:	LC
Polishing:	UPC
Ferrule:	Ceramic
Fiber Mode:	9/125µm Singlemode
Cable Diameters:	0.9mm
Dimension:	50mm
Insertion Loss:	≤0.35dB
Return Loss:	≥45dB
Tension Test:	≥100N

LC-APC SINGLEMODE PRE-POLISHED FAST CONNECTOR

PRE-POLISHED FERRULE FAST CONNECTOR

The LC-APC fast connector are factory pre-polished, field-installable connectors that completely eliminate the need for hand polishing in the field. Proven mechanical splice technology ensuring precision fibre alignment and a low loss termination. This connector is designed to use on 9/125µm single mode optical cables with a APC end and has a LC type connector. The field assembly connector is an ideal solution for optical wiring inside buildings and floors for LAN and CCTV applications.
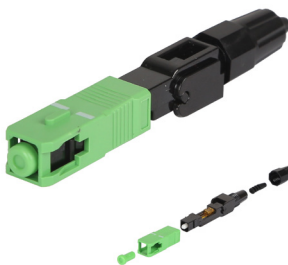
Code
OPTO503

Connector Type:	LC
Polishing:	APC
Ferrule:	Ceramic
Fiber Mode:	9/125µm Singlemode
Cable Diameters:	0.9mm
Dimension:	50mm
Insertion Loss:	≤0.35dB
Return Loss:	≥50dB
Tension Test:	≥100N

SC-APC SINGLEMODE PRE-POLISHED FAST CONNECTOR

PRE-POLISHED FERRULE FAST CONNECTOR

The SC-APC fast connector are factory pre-polished, field-installable connectors that completely eliminate the need for hand polishing in the field. Proven mechanical splice technology ensuring precision fibre alignment and a low loss termination. This connector is designed to use on 9/125µm single mode optical cables with a APC end and has a SC type connector.
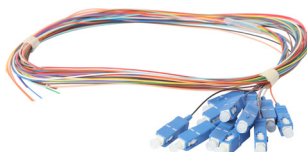
Code
OPTO501

Connector Type:	SC
Polishing:	APC
Ferrule:	Ceramic
Fiber Mode:	9/125µm Singlemode
Cable Diameters:	0.9mm
Dimension:	50mm
Insertion Loss:	≤0.35dB
Return Loss:	≥50dB
Tension Test:	≥100N

SC PIGTAILS - 12 PIECES EACH

12 coloured leads.
2 metres long each.
Bare optic ends.

Speed	Micron	Length	Code
1Gbps	9/125	2M	OPTO552

LC PIGTAILS - 12 PIECES EACH

Speed	Micron	Length	Code
1Gbs	9/125	2M	OPTO542
1Gbs	62.5/125	2M	OPTO1542
10Gbs	50/125	2M	OPTO1582
40Gbps+	50/125	2M	OPTO1872
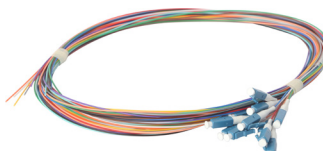
PORTABLE LC FIBRE OPTICAL FAULT TESTER

10mW MODEL WORKS WITH FIBRE LENGTH UP TO 10KM

Designed to find breakpoint, poor connection, dead zone, bending or cracking and End-to-End visual fibre identification in an optical network.

• Pen shape visual fault locator
• Bright red laser at 650nm and rugged & waterproof design
• Quickly illuminate fibre breaks, damaged connectors on patch cords
• With an output power up to 10mW, it can be used to locate sharp bends & breaks in jacked or bare fibre within 10km
• Features continuous and flashing modes for your convenience
• Handy, pocket pen design
• 2.5mm Universal connector
• Requires 2x AA-size alkaline batteries
• Includes 2.5mm to 1.25mm fibre optic adaptor and carrying pouch
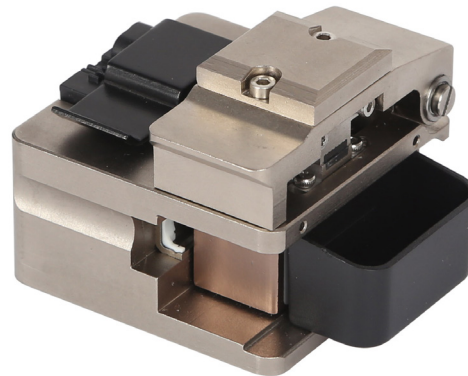• Size: 175x26x26mm

Code
OPTO1021

HIGH PRECISION OPTICAL FIBRE CLEAVER

FOR PRODUCING PERFECT FLAT FIBRE END FACE

Fibre optic cleaver is used to cut the fibreglass for fusion splicing, also ideal for preparing fibre for pre-polished connectors to make a good end face, and it is very important in the fibre splicing process, usually it works together with the fusion splicer to meet the end needs.

• Designed for excellent portability, this fibre optic cleaver is well-shaped and in sound quality.
• This high precision fibre optic cleaver is professional designed in structures, its 16-position blade provides approximately 48,000 cleaves with angle of about 90 degrees.
• high precision fibre optic cleaver is ideal for fusion splicing standard 125/250um & 125/900um fibres and preparing fibre for various pre-polished connectors.
• It utilises an automatic anvil drop for fewer required steps and better cleave consistency.

Code
OPTO506