Nanjing Jilong Optical Communication Co., Ltd

2023-2024 Jilong Complete Catalogue

Supplying of optical comuication products and providing of solutions

30 Year of Expertise

About us

Since 1993, Jilong Communications has been tirelessly researching and developing fiber optic splicing technology for nearly 30 years, and has obtained more than 150 related patents...

For almost 30 years, Jilong has been tirelessly researching and developing optical splicing technology, and has obtained 150+ related patents.

Jilong communication took the lead in breaking the monoply of foreign technology of fiber splicer, improved development of domestic splicer technology, and had made a great contributions to domestic 4G, 5G network construction and fiber telecomunication industry. Jilong communication, the pioneer of domestic optical fiber fusion splicer.

Jilong won the national "high-tech Technology Enterprise" title , and won the "Outstanding Contribution Enterprise of Nanjing" for many years, "JILONG" was identified as famous trademark of Jiangsu Province...

Since 1993, Jilong Communications has been tirelessly researching and developing fiber optic splicing technology for nearly 30 years, and has obtained more than 150 related patents...

Jilong Communication has successively obtained ISO9001 quality management system certification, ISO14001 environmental management System certification, Jilong products have passed the EU CE safety certification...

CONTENTS

Optical Fusion Splicer

OTDR

Testing equipments

Optical Fusion Splicer

01

500E Mini FTTx Fusion Splicer

NEW

- Auto splice & auto heat function
- Tool-less electrodes replacement
- World's most compact, lightweight and fast design
- Extended-life electrodes, 5,000 splices (replaceable)
- Stable aerial operation design
- 3-Year extended warranty

※ Operation platform be ordered separately

Applicable Fibers	SM(ITU-T G.652&G.657)/MM(ITU-T G.651)/DS(ITU-T G.653)/NZDS(ITU-T G.655)
Compatible Fiber/Cable	0.25~3.0 mm / indoor flat cable
Fiber Holder	Replaceable
Fiber Diameter	Cladding: 80-150 μm, Coating: 100~1000 μm
Typical Splice Loss	SM: 0.03dB / MM: 0.01dB / DS: 0.04dB / NZDS: 0.04dB / G.657: 0.03dB ★①
Return Loss	>>60dB
Splicing/Heating Time	SM Quick mode:8 sec/SM Average:10 Sec./Quick mode 18 sec.(SM G652 250 μm 40mm sleeve) adjustable★②
Protection Sleeve Length	20mm, 30mm, 40mm, 50mm, 60mm
Battery	3400mAh Battery Capacity, Typical 120 Cycles (Splice&Heat) per Charge ★③
Electrode Life	5000 arcs （replaceable） ★④

★① With identical fibres(in room temperature). Measured by cut-back method relevant to ITU-T and IEC standards.
★② 0.25mm fiber,may vary depending on the battery status and operating environment.
★③ Splice & Heat cycles based on 40mm shrink tube
★④ Electrode life may vary depending on the operating environment.

JILONG Since 1993

High altitude operation adaptability. Not only suitable for aerial work, also suitable for conventional ground work in any environment

Working platform design for aerial work

04

Optical Fusion Splicer

02

280E All-rounder™

Middle Trunk Line Fusion Splicer

NEW

- 4 Motors Real Core Alightment
- Auto Splice & Auto Heat Function
- Tool-less Electrodes replacement
- Fully ruggedized for shock, dust, and moisture
- 3-Year Extended Warranty
- Extended-life electrodes,
- 5,000 splices, exchangeable without tools

  6800mAh High capacity battery with 300 splices & shrinks per charge

※ Operation platform be ordered separately

Applicable Fibers	SM(ITU-T G.652&G.657)/MM(ITU-T G.651)/DS(ITU-T G.653)/NZDS(ITU-T G.655)
Compatible Fiber/Cable	0.25~3.0 mm / indoor flat cable
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Return Loss	>>60dB
Splicing/Heating Time	SM Quick mode: 8 sec/ SM Average:10 Sec./Quick mode 18 sec.(SM G652 250 μm 40mm Sleeve) adjustable ★②
Protection Sleeve Length	20mm, 30mm, 40mm, 50mm, 60mm
Battery	6800mAh Battery Capacity, Typical 300 Cycles (Splice&Heat) per Charge ★③
Electrode Life	5000 arcs （replaceable） ★④

★① With identical fibres(in room temperature). Measured by cut-back method relevant to ITU-T and IEC standards.
★② 0.25mm fiber,may vary depending on the battery status and operating environment.
★③ Splice & Heat cycles based on 40mm shrink tube
★④ Electrode life may vary depending on the operating environment.

JILONG Since 1993

Support the placement of cleaver operating platform, do cleaving and splicing work in one step

High Expansibility fiber optic cleaver operating platform design

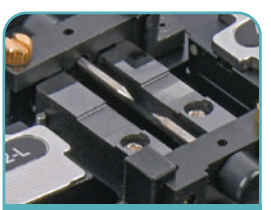
※ Operation platform be ordered separately

Optical Fusion Splicer

03 KL-400 Ribbon Fiber Fusion Splicer

- 18s Splice in Quick Mode
- 25s Heat shrink time
- Extended-life electrodes,
  5,000 splices, exchangeable without tools
- 7800mAh High capacity Li-battery with 300 splices/shrinks per charge

Dedicated fiber holder

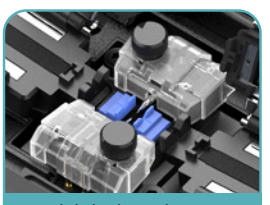

Special V-groove design

Fiber Type	SM(ITU-T G.652&G.657) / MM(ITU-T G.651) / DS(ITU-T G.653) / NZDS(ITU-T G.655)
Compatible Fiber/Cable	Ribbon : 0.25~0.4 mm / Single : 250μm & 900μm
Fiber Cleave Length	8~16 mm
Splice mode	Max 128 modes
Typical Splicing Loss	SM: 0.03dB / MM: 0.01dB / DS: 0.04dB / NZDS: 0.04dB / G.657: 0.03dB ★①
Battery	7800mAh Battery Capacity, Typical 300 Cycles (Splice&Heat) per Charge ★②
Electrode Life	5000 arcs （replaceable） ★③

★① With identical fibres(in room temperature). Measured by cut-back method relevant to ITU-T and IEC standards.
★② Splice & Heat cycles may vary depending on the battery status and the operating environment.
★③ Electrode life may vary depending on the operating environment.

04 KL-520 FTTx Optical Fusion Splicer

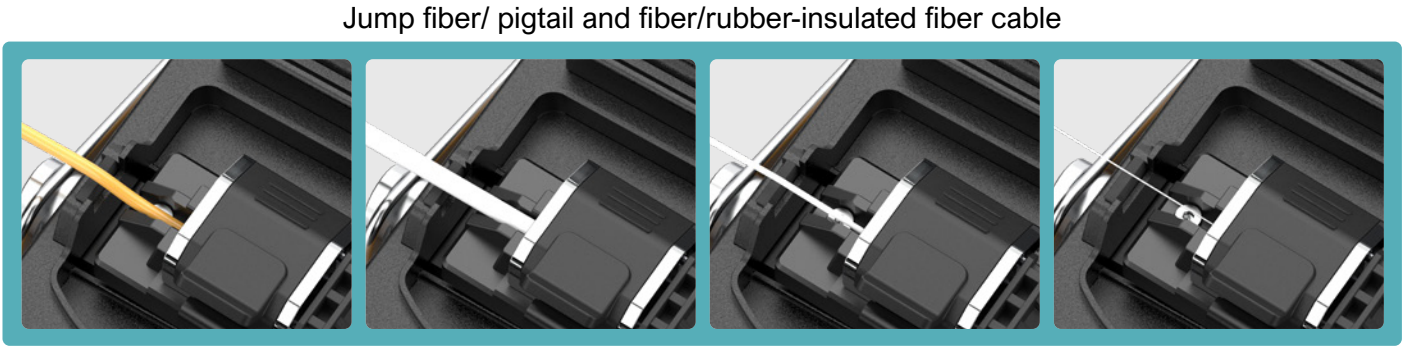
- 9s Splicing time, 30s heating time
- Average splicing loss 0.01dB
- Real-time ARC calibration
- Four-motor alignment


Special designedV-groove


3-in-1Fiber holder

3-IN-1 Fiber Holder

Fiber holder suitable for bare fiber/ 3.0mm,
Jump fiber/ pigtail and fiber/rubber-insulated fiber cable



Optical Fusion Splicer

05 KL-360T Six Motor Core Alignment Fusion Splicer

- SIX Motors Real Core Alightment
- Fully ruggedized for shock, dust, and moisture
- 6s Splice in SM Quick Mode
- 16s Heat shrink time
- 3-Year Extended Warranty
- 5200mAh High capacity Li-battery with 300 splices/shrinks per charge
- Extended-life electrodes, 5,000 splices, exchangeable without tools

Applicable Fiber	SM(ITU-T G.652&G.657) / MM(ITU-T G.651) / DS(ITU-T G.653) / NZDS(ITU-T G.655)
Compatible Fiber/Cable	0.25~3.0 mm / indoor cable
Splice mode	Max 128 modes
Typical Splice Loss	SM: 0.02dB / MM: 0.01dB / DS: 0.04dB / NZDS: 0.04dB / G.657: 0.02dB ★①
Splicing Time	SM Quick mode : 6 sec / SM Average: 16 Sec.
Heating Time	Quick mode 16 sec.(SM G652 250μm 40mm Sleeve) adjustable
Battery	5200mAh Battery Capacity, Typical 300 Cycles (Splice&Heat) per Charge ★②
Electrode Life	5000 arcs, can be extended by using an electrode grinder ★③

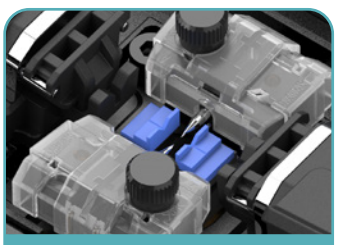
★① With identical fibres(in room temperature). Measured by cut-back method relevant to ITU-T and IEC standards.
★② Splice & Heat cycles may vary depending on the battery status and the operating environment.
★③ Electrode life may vary depending on the operating environment.

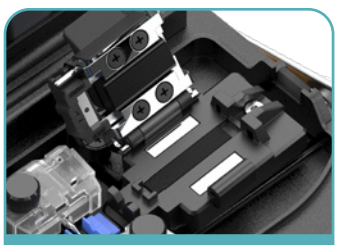
Optical Fusion Splicer

06

KL-530 Middle Trunk Line Fusion Splicer

- 8s Splice in SM Quick Mode
- 18s Heat shrink time
- 3-Year Extended Warranty
- Fully ruggedized for shock, dust, and moisture
- 5200mAh High capacity Li-battery with 300 splices/shrinks per charge
- Extended-life electrodes, 5,000 splices, exchangeable without tools


Special designed V-groove


3-in-1Fiber holder

Applicable Fibers	SM (G652) / MM (G651) / DS (G653) / NZDS (G655) / BIF (G657)
Fiber Count	Single mode
Fiber aligning method	Meticulous; Core; Clad; Manual
Splicing mode	Auto; Calibrate; Normal; Special
Typical Splice Loss	SM: 0.02dB MM: 0.01dB DS： 0.04dB NZDS: 0.04dB ★①
Splicing Time	SM Quick mode : 8 sec / SM Average: 15 Sec
Battery	5200mAh Battery Capacity, Typical 300 Cycles (Splice & Heat) per Charge★②
Electrode Life	5000 arcs, can be extended by using an electrode grinder ★③

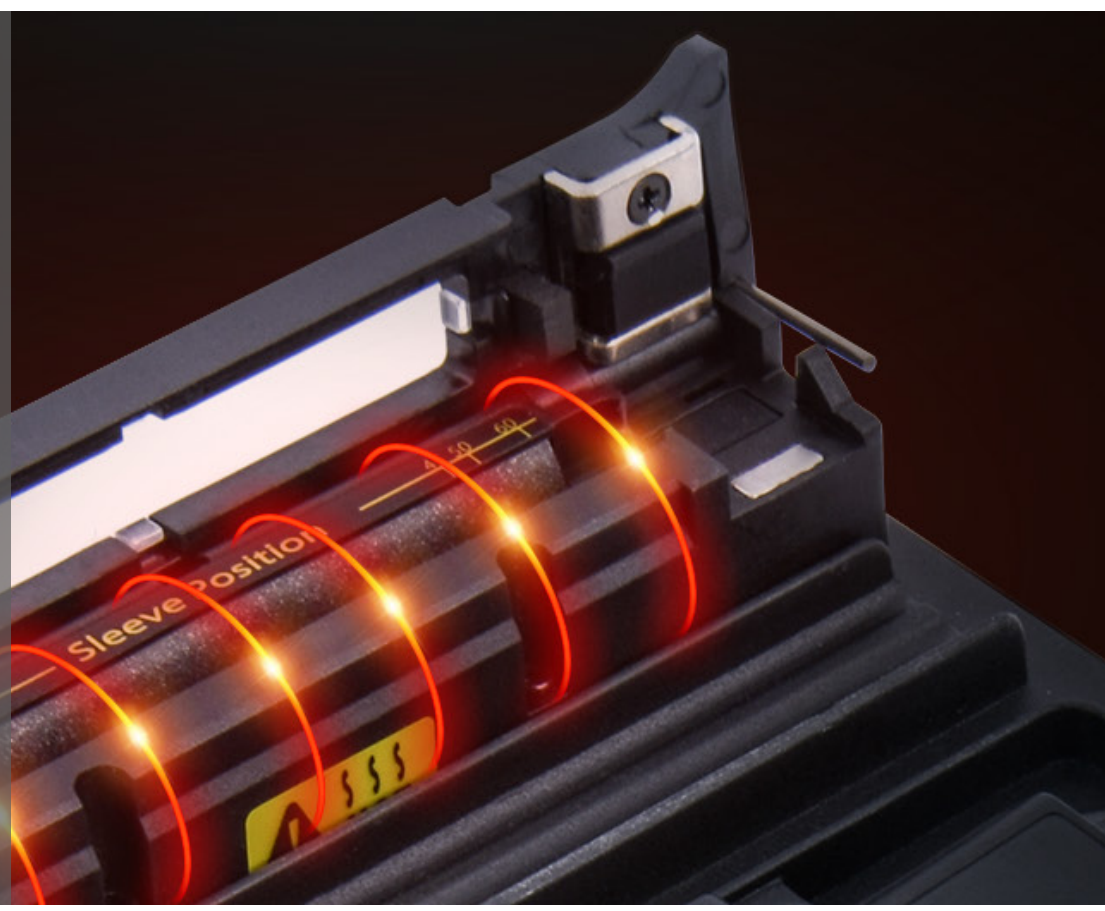
★① With identical fibres(in room temperature). Measured by cut-back method relevant to ITU-T and IEC standards.
★② Splice & Heat cycles may vary depending on the battery status and the operating environment.
★③ Electrode life may vary depending on the operating environment.

JILONG Since 1993

18s Fast-heating time

Continuous high temperature heating, compatible with multiple types of heat shrink tubing

Each core is under control when splice



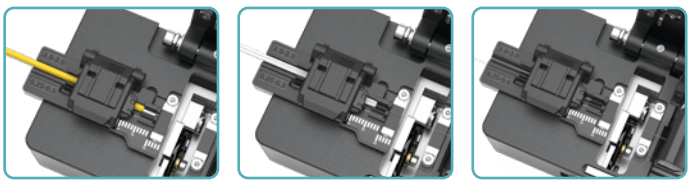
08

07

KL-21C Automatic Waste Fiber Bin Fiber Cleaver

- Auto fiber offcut bin
- Typical cleave angel 0.5°
- Blade life 48,000 cleaves
- Traditional bench top design, simple and easy to use
- Applicable to 250μm, 900μm, 3.0mm fiber cable and flat cable

All-in-1 Universal Fiber Holder



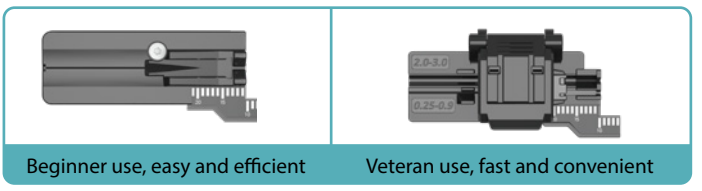
Fiber Meterial	Silica glass
Cladding Diameter	125 μm
Cleaved Length	8~20mm
Applicable Fiber Cable	250μm, 900μm, 3.0mm
Typical Cleaved Angle	Less than 0.5° ★①
Typical Blade Life	Total 48,000 fiber cleaves (replaceable) ★②
Off-cut Collector	Pre-fitted
Type of Offcut Bin	Auto
Auto Return	Pre-fitted

★① Cleaved angel may vary depending on the operating environment
★② Blade life is not guaranteed. It may vary depending on the operating environment

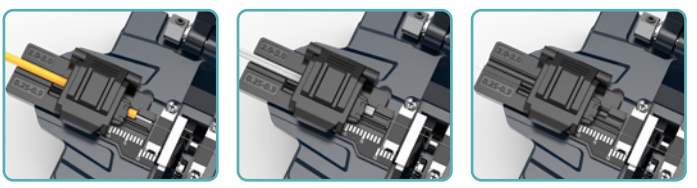
08

KL-22F Hand Held Optical Fiber Cleaver

- Hand held design
- Double fiber holders
- Typical cleave angel 0.5°
- Blade life 48,000 cleaves
- Applicable to 250μm, 900μm, 3.0mm fiber cable and flat cable



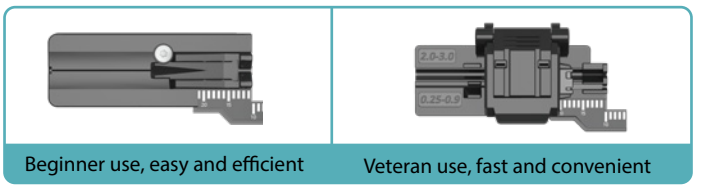
All-in-1 Universal Fiber Holder



09

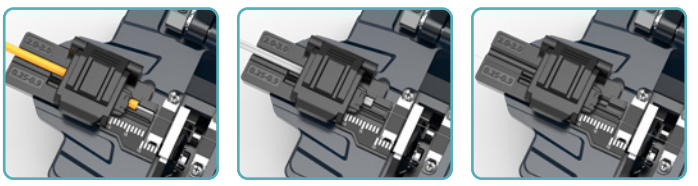
KL-23F High Precision Fiber Cleaver

- Traditional bench top design
- Double fiber holders
- Typical cleave angel 0.5°
- Blade life 48,000 cleaves
- Applicable to 250μm, 900μm, 3.0mm fiber cable and flat cable



Beginner use, easy and efficient | Veteran use, fast and convenient

All-in-1 Universal Fiber Holder



Fiber Meterial	Silica glass
Cladding Diameter	125 μm
Cleaved Length	8~20mm
Applicable Fiber Cable	250μm, 900μm, 3.0mm
Typical Cleaved Angle	Less than 0.5° ★①
Typical Blade Life	Total 48,000 fiber cleaves (replaceable) ★②
Off-cut Collector	Pre-fitted
Type of Offcut Bin	Manual
Auto Return	Pre-fitted

★① Cleaved angel may vary depending on the operating environment
★② Blade life is not guaranteed. It may vary depending on the operating environment

10

KL-51 Fiber V-groove

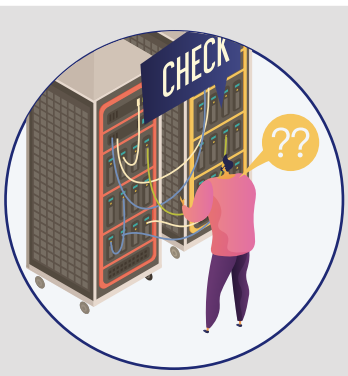
- Splice loss less than 0.05dB (SM)
- Two positioning seats (adjustable)
- High-precision V-groove alignment system
- Adapt to various cladding fibers

Product display

11 KL-6200 Multi-function OTDR

- Access network testing
- Long-haul network testing
- 1m Event dead zone
- 32dB Dynamic range
- FTTx/PON testing through splitters
- All new UI design with innovation
- Dual wavelengths testing
- Link Map & Pass/Fail judgment functions
- Bult-in OPM、SLS、VFL、RJ45、FIP modules

Four test modes meet your measurement needs



Intelligent automatic

It is convenient for beginners to quickly complete the test

Real-time test:

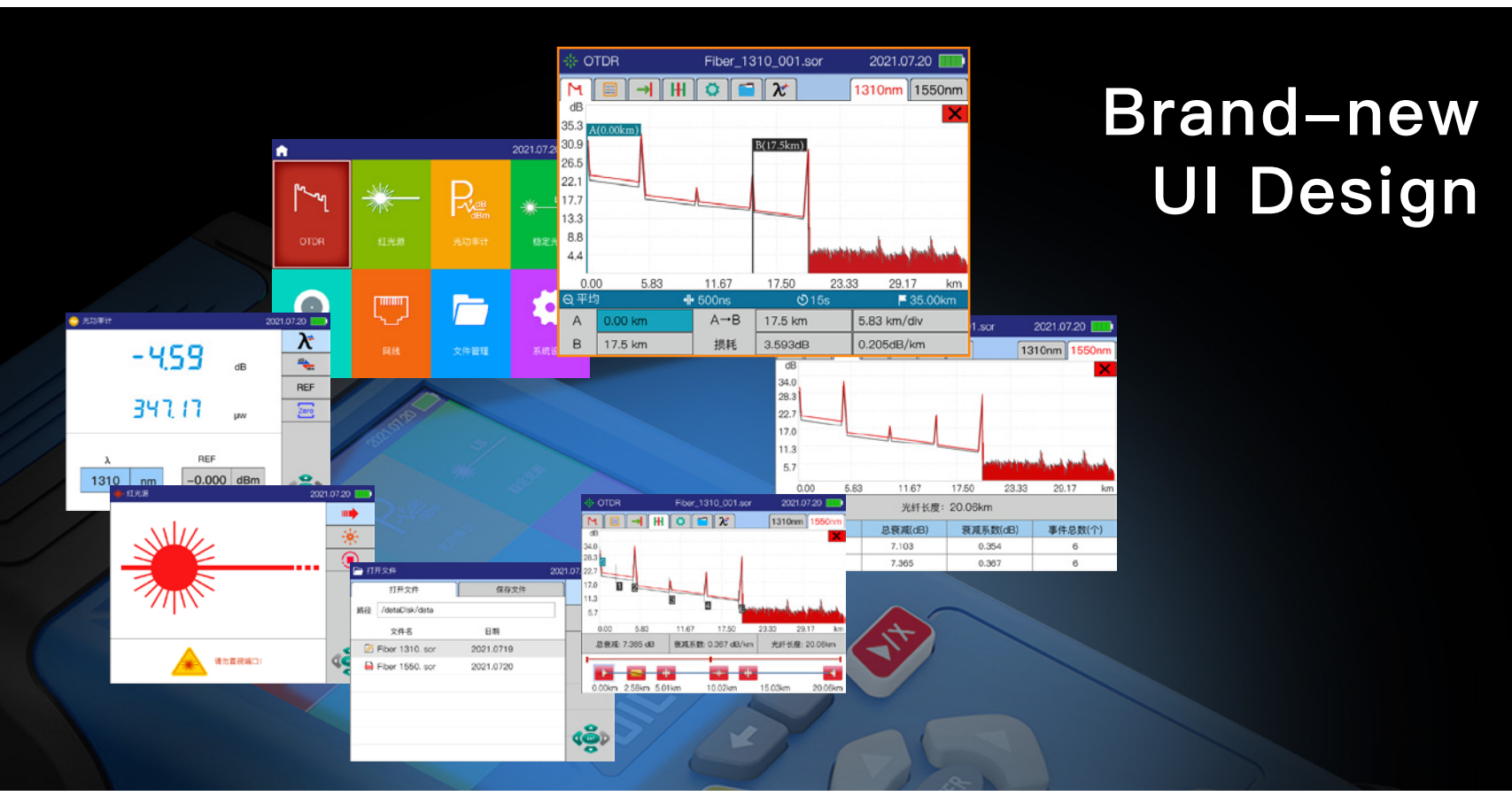
Monitors link measurement information, but does not analyze event information.

Average test:

Fixed time measurement, the results and event information will be analyzed after the measurement.

Expert Manual Mode

Select the expert manual mode to test



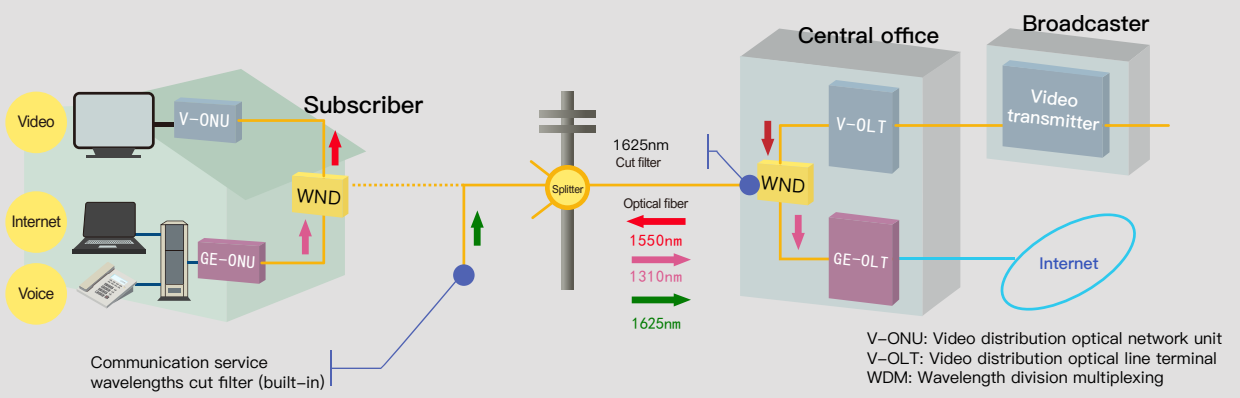
Brand-new UI Design

OTDR

12 KL-6300 All-fiber OTDR

NEW

- 0.8m Short event dead zone
- Dynamic range up to 40/38db
- Large screen 7,0-inch color LCD touch screen
- Optical fiber link diagram & Pass/Fail display
- Support multi-wavelength simultaneous testing
- iOLA eagle eye function,automatic test PON optical fiber link
- GPS positioning function, real-time positioning instrument position and going track
- Built-in WIFI module for remote contorl
- VCN remote control, PC/mobile phone online remote operation OTDR
- Built-in OPM/SLS/VFL/FIP/RJ45 module
- Rich and diverse configurations: single-modemulti-mode, single-multi-mode integration, etc.



JILONG KL-6300 OTDR is widely used in optical network terminals (ONT), FTTH distribution (F2) fiber characterized distribution hubs (FDH), fault diagnosis and fault finding.

7.0-inch large screen, multi-point contact capacitive screen, supporting new gesture amplification function, clear screen capture color, and simple interface design

13 VFL-22M Mini Visual Fault Locator

- Pocket design, mini size
- Strong light source, strong penetrating power
- Silicone dust cap, not easy to break
- Measuring up to 25km, high stability
- With LED lights for dark environment
- Lithium battery USB-charging, safety and convenience

2.5mm Universal Connector

SC

ST

FC

14 VFL-22P Pen Type Visual Fault Locator

- Metal material, small and practical
- Silicone dust cap, not easy to break
- Measuring up to 25km, high stability
- 40h Continuous work
- Imported laser chip, strong and stable light source
- Hidden button, prevent accidental touch

2.5mm Universal Connector

SC

FC

ST

15 OPM-22/22V Mini Optical Power Meter

- Pocket design, mini size
- Accurate measurement ±0.2 dB
- Network test, judge signal transmission
- VFL with 10mW (Only for OPM-22V)
- Lithium battery USB-charging/AA Batteries (optional)
- With LED lights for dark environment
- Continuous use 60h (only in optical powermeter mode)
- Automatic wavelength memory, 7 wavelengths (850/980/1300/1310/1490/1550/1625nm)

2.5mm Universal Connector

SC

ST

FC

16 OLS-22 Mini Optical Light Source

- Wavelength: 1310nm+1550nm
- Deft appearance, compact structure, easy to carry
- Simple and practical operation
- Ergonomic design, one hand operation
- Pocket design, mini size
- Equipped with led light, can work stable in the dark
- Continuous output, three modulation frequencies (270Hz/1kHz/ 2kHz)

2.5mm Universal Connector

SC

ST

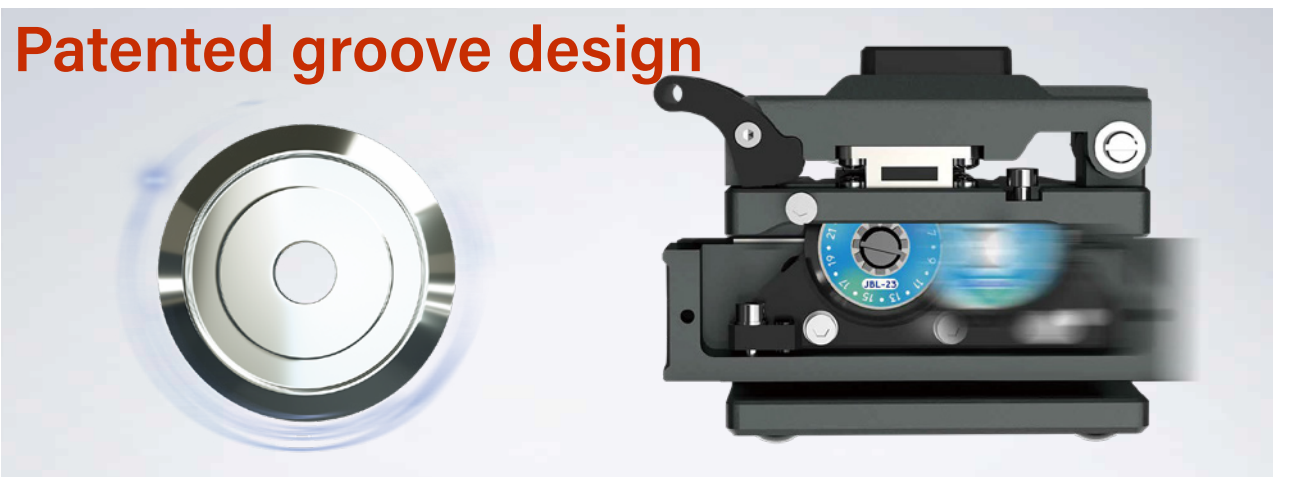
FC

Accessories

17 JBL-23 Optical Fiber Cleaver Blade

- Tungsten steel refining and processing
- Cleave angle⩽0.5°
- Durable, up to 48000 cleaves
- Rotatable 24 cutting points, per point reaches 2000 cleaves

Featured material | Sharp blade | Durable



Rotatable Cutting Point	24
Blade Specification	Diameter 22*4*3.2mm
Blade Material	Tungsten steel
D（g/cm）^{3}	14.75
Blade Hardness	91.50HRA
TRS（MPa）	2200
Cutting Life (Single Point)	2000 ★①

★① Blade life changes by operating environment

18 JL-ELE-N Electrodes for Fiber Fusion Splicer

- Tool-less electrodes replacement
- Stable discharge 3000-5000 times
- Sharp top, uniform discharge, easy splicing
- The tail is made of high temperature resistant insulation material
- Imported tungsten steel material, high hardness, no deformation
- Hanging hole design, convenient offline platform, agent, store sales

Tool-less electrodes replacement | Imported tungsten steel | Hanging hole design

Based in China • Serve the world

Building Century-old brand—Jilong

Pioneer of fusion splicer

Contact us

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