



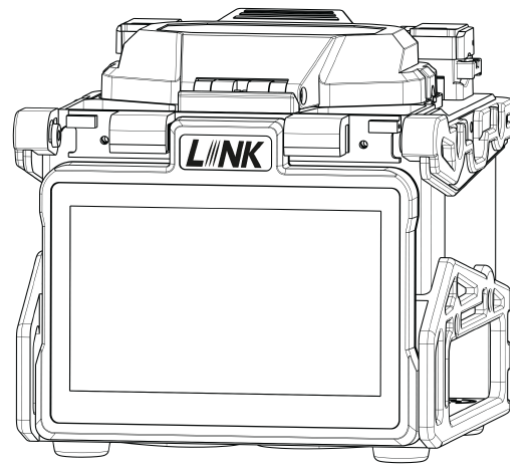
UF-2842AG



Scope of Application

LINK F.O. GOLD PROFESSIONAL FUSION SPLICER SET splicing is the act of joining two optical fibers end-to-end using heat. The goal is to fuse the two fibers together in such a way that optical signal passing through the fibers is not scattered or reflected back by the splice, and so that the splice and region surrounding it are almost as strong as the virgin fiber itself.

Drawing



FEATURES AND BENEFITS

- 5 inches high resolution colorful LCD display, image can be turned according to position.
- Average splice time: 8 seconds.
- Average tube-heat time: 20-25 seconds.
- Lithium battery: Rechargeable and up to 250 times of continuous splice and heat after fully charged.
- One heating program (able to adjust the heating time).
- Applicable Fiber Holder: Flat (2.0x3.0mm), 250µm, 900µm
- Cutting-edge technology for image processing.
- New developed technology providing strong wind and dust resistance.
- Splicing mode: Auto & Manual & Full-Auto
- USB Port (2.0)
- Storing 6,000 groups of latest splice results
- Suitable for field work
- New technology of fiber core alignment (Core to Core), enhanced accuracy
- New 3-in-1 cutting fixture for rubber-insulated wire, pigtail & bare fiber (Patented technology)
- New Multipurpose 1+N fixture (Patented technology)
- * 1+N: optional fixtures (for SC/LC/FC connector).





SPECIFICATION

| | | |
|---------------------------|--|--------------------------|
| Applicable Fibers | Single fiber: SMF (G.652/657), MMF (G.651), DSF (G.653), NZDSF (G.655) | |
| Average Splice Loss | 0.02dB (SM), 0.01dB (MM), 0.04dB (NZDS), 0.04dB (EDF) | |
| Return Loss | ≥60dB | |
| Tension Test | 2.0N (200gf) (Standard) | |
| Typical splicing time | 8 seconds | |
| Typical heating time | 20-25 seconds | |
| Splicing Program | 50 groups | |
| Protection Sleeve Length | 20mm, 40mm, 60mm | |
| Electrodes Life | Max. 3,600 times (in usual condition) | |
| Operating Language | Chinese, English, French, Portuguese, Spanish, Thai, Russian | |
| Operating Conditions | -10~+50°C (Operation Temperature), 0~95% RH (Humidity), 0~5000m (Altitude), | |
| Power Supply | AC adaptor: 100~240V input voltage, 50/60Hz; 10.95V, 5A output voltage (DC) Inner lithium battery: 12V, 6AH | |
| Lithium battery | Rechargeable and up to 250 times of continuous splice and heat after fully charged. | |
| Monitor | 5 inches high resolution colorful LCD display | |
| Fiber Image Magnification | X or Y axis Separately views 520 times magnification, or Simultaneously 260 times | |
| Storage of Splice Result | 6,000 groups of latest splice results | |
| Splicing Model | Auto & Manual & Full Auto | |
| Dimensions | 130(W)*135(D)*123(H)mm | Package size: 52*31*29cm |
| Weight | 1.98kg including battery; | Package G.W.: 6.5 kgs |

STANDARD PACKAGE



| No. | Item | Quantity |
|-----|--|----------|
| 1 | Fusion Splicer Machine | 1 |
| 2 | Battery | 1 |
| 3 | Carrying Case | 1 |
| 4 | AC Adaptor (Charger) | 1 |
| 5 | Alcohol Bottle | 1 |
| 6 | Instruction, User Guide and Test Certificate | 1 |
| 7 | Fiber Stripper | 1 |
| 8 | Spare Electrodes | 1 |
| 9 | Cooling Tray | 1 |
| 10 | FTTH Drop Fiber Stripper | 1 |
| 11 | Fiber Hanger | 1 |
| 12 | Car Charger | 1 |
| 13 | Fiber Auto Cleaver | 1 |
| 14 | Carrying Strap | 1 |



ORDER INFORMATION

| Part Number | Description |
|-------------|---|
| UF-2842AG | F.O. GOLD PROFESSIONAL FUSION SPLICER SET |

Specifications subject to change without notice.

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