



KF4

Active V-Groove Alignment



Benefits and Features

Versatility **MAXIMUM**

- Active V-Groove Alignment / Metro, Access Network and FTTH & Universal Fiber Holders

Size & Weight **MINIMUM**

- World's Most Compact Active V-Groove Fusion Splicer

Economy **OPTIMUM**

- The best quality, ***budget priced*** - Make your every penny count!

Optional



Work Belt



Specification

| CATEGORY | DESCRIPTION |
|-----------------------------------|--|
| Fiber alignment | IPAAS, Active V-Groove Alignment |
| Applicable type of fibers | 0.25mm, 0.9mm, 2.0mm, 3.0mm Indoor cable |
| Fiber count | Single fiber |
| Applicable fiber dimensions | Cladding diameter : 125 μ m, Coating diameter : 100 μ m~3mm |
| Fiber setting and cleaved length | 5mm to 16mm |
| Splicing modes | Splice mode: 300, Heat mode: 100 |
| Typical splice Loss | SM: 0.02dB, MM: 0.01dB, DS:0.04dB, NZDS: 0.04dB |
| Return loss | > 60dB |
| Splicing time | Typical 7sec with SM |
| Splice loss estimate | Available |
| Sleeve heating time | Typical 13sec with IS-60 mode, IS-60 sleeve |
| Applicable protection sleeve | 60mm, 40mm and micro sleeves |
| Storage of splice result | Data : 5,000ea Up to, Image : 5,000ea Up to |
| Tension test | 1.96N to 2.25N |
| Operating condition | Altitude : 0 to 5,000m above sea level, Temperature : -10 to 50deg C, Wind : 15m/sec Humidity : 0 to 95% RH, non-Condensation, dust proof, water proof, shock proof |
| Storage condition | Temperature: -40 $^{\circ}$ C~80 $^{\circ}$ C, Humidity: 0~95% |
| Dimension | 124(W) x 189(L) x 75(H)mm (Without rubber protector) |
| Weight | 1.1kg(Including battery) |
| Viewing method and display | 2 AXIS Two CMOS cameras with 3.5-inch color LCD monitor |
| Fiber view and magnification | X/Y : 130X , Max :260X |
| Power supply | Li-ion Battery(DC 14.8V, 3400mAh), 100 ~ 240V AC Charger |
| No. of splice cycles with battery | Typical 200 cycles |
| Electrode life | 3,000 splices |
| Terminals | USB |

Standard Package

| CATEGORY | MODEL | Q'ty |
|--------------------|-------------|--------|
| Arc Fusion Splicer | KF4 | 1 |
| AC Charger | - | 1 |
| Spare Electrode | EI-24 | 1 pair |
| Cooling Tray | CT-01(40mm) | 1 |
| User Guide CD | - | 1 |
| Carrying Case | Hard Case | 1 |
| Battery | KF-3400 | 1 |
| Cleaver | CI-01 | 1 |
| Alcohol Dispenser | - | 1 |
| Screw driver | - | 1 |

Option Package

| CATEGORY | MODEL |
|----------------|--|
| Cleaver Blade | BI-05 |
| Electrode | EI-24 |
| Battery | KF-3400 |
| Work Belt | WB-01 |
| Sleeve | S09-C, S09, S30-C, S30 |
| Sleeving Clamp | SC-01 |
| SOC Connector | SC, LC, FC, ST(Refer to FTTx Solution catalogue) |
| Fiber Holder | HS-250, HS-900, HS-2.5, HS-IN, HS-SC, HS-FC, HS-LC, HS-ST, LS-900 (choose one) |

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