# AFL

Product Line Reference Guide

**FIBRE TERMINATION AND SPLICING**

INFINITY ∞™
AFL Fibre Optic Products

AFL proudly supplies and services Fujikura's 'State of the ARC®' fusion splicing solutions. Fujikura's pioneering culture and keen focus on exceptional quality over the past three decades have established Fujikura as the leader in fusion splicing technology.

Beginning in 1984, Fujikura introduced Profile Alignment Splicing (PAS) technology which was established as the industry preferred alignment methodology. In 1988, Fujikura introduced the first ribbon splicer and then expanded its product offering by developing the first 24-fibre ribbon splicer. Dual axis camera viewing systems, automatic arc calibration technology and ruggedised splicers that provide protection against extreme impact, rain and dust – all of which complete the Fujikura range that make it a world leader in splicing technology.

## Field Splicing Solutions

Fujikura's long established and reliable field models include splicing equipment for all common applications and environments such as single fibre, ribbon and FTTx splicing applications. Also included within the product set are specialty splicing applications such as FUSEConnect®.

Unique features include:

- Ruggedised construction
- Automatic ARC calibration technology
- User-selectable clamping method – sheath clamp or fibre holder
- Dual monitor positioning
- Auto-start splicing and tube heater operation
- Internet firmware updates

## Specialty Splicing Solutions

Fujikura's ARCMaster® series sets a new standard for factory and R&D fusion splicing. The recently introduced FSM-100 series provides enhanced performance and flexibility for any specialty splicing needs in manufacturing, laboratory or R&D environments. The new line offers these unique features:

- Patented 'split v-groove' clamping system
- PAS and WSI technology
- 'Plasma Zone' fibre positioning
- Enhanced sweep arc technology
- IPA alignment for PM fibres
- Fibre profile memory function
- Zero-degree fibre holder position
- Special arc calibration technology
- Dual display
- Internet firmware updates

AFL also offers a full line of fusion splicing accessories, including cleaving tools, stripping tools, fibre arrangement tools and splice protection sleeves.

## Cladding Alignment Fusion Splicers

| PRODUCT | | DESCRIPTION |
|---|---|---|
| **FSM12S** | | The Fujikura 12S fusion splicer is the smallest, lightest and most portable splicer in the world. The ruggedised chassis features shock, dust and moisture protection while the two camera observation system provides for accurate fibre alignment and loss estimation calculations. |
| | | **ORDERING INFORMATION** |
| | | FUJFSM12S-K1    Fujikura FSM12S Cladding Alignment Splicer Kit with CT30 Cleaver |
| | | FUJFSM12S-K2    Fujikura FSM12S Cladding Alignment Splicer Kit with CT06 Cleaver |
| | | FUJFSM12S-K3    Fujikura FSM12S Cladding Alignment Splicer Kit, No Cleaver |
| | | **Inclusions** |
| | | AC Adapter Pack, Battery Pack, Electrodes Set (1 fitted + 1 spare), AC Power Cord, Alcohol Dispenser, Screw Driver, 250 µm Fibre Holder (pair), 900 µm Fibre Holder (pair), Ruggedised Carry Case. All splicer kits include isopropyl storage bottle, sharps container, 100 pk cotton tips and instruction CD. |
| | | **Accessories** |
| | | FUJFSM-EL12S    Electrode Set to Suit FSM-12S |
| | | FUJBTR-10    FSM-12S Battery Pack |
| **FSM19S** | | The Fujikura 19S is a low cost, fixed v-groove single fibre splicer with similar features found on the Fujikura 70S. Incorporating the proven ruggedised features pioneered by Fujikura, the 19S has added automated and enhanced user control features to increase splicing efficiency. |
| | | **ORDERING INFORMATION** |
| | | FUJFSM19S-K1    Fujikura FSM19S Cladding Alignment Splicer Kit with CT30A Cleaver |
| | | FUJFSM19S-K2    Fujikura FSM19S Cladding Alignment Splicer Kit with CT06A Cleaver |
| | | FUJFSM19S-K3    Fujikura FSM19S Cladding Alignment Splicer Kit, No Cleaver |
| | | **Inclusions** |
| | | AC Adapter Pack, Battery Pack, Electrodes Set (1 fitted + 1 spare), AC Power Cord, Alcohol Dispenser, Screw Driver, 250 µm Fibre Holder (pair), 900 µm Fibre Holder (pair), Ruggedised Carry Case. All splicer kits include isopropyl storage bottle, sharps container, 100 pk cotton tips and instruction CD. |

## Active Cladding Alignment Fusion Splicers

| PRODUCT | | DESCRIPTION |
|---|---|---|
| **FSM22S** | | The Fujikura 22S's active v-groove alignment technology allows for fibre alignment compensation in dirty and dusty environments, where fibre contamination is unavoidable. It's lightweight and compact design along with an enhanced long life battery, provides technicians with 200 splice and heat cycles and allows ultimate portability for in field use. |
| | | **ORDERING INFORMATION** |
| | | FUJFSM22S-K1    Fujikura FSM22S Active V-groove Alignment Splicer Kit with CT30 Cleaver |
| | | FUJFSM22S-K2    Fujikura FSM22S Active V-groove Alignment Splicer Kit with CT06 Cleaver |
| | | FUJFSM22S-K3    Fujikura FSM22S Active V-groove Alignment Splicer Kit, No Cleaver |
| | | **Inclusions** |
| | | AC Adapter Pack, Battery Pack, Electrodes Set 21S (1 fitted + 1 spare), 21S/22S Fibre Clamp "A", AC Power Cord, Alcohol Dispenser, Screw Driver, 250 µm Fibre Holder (pair), 900 µm Fibre Holder (pair), Ruggedised Carry Case. All splicer kits include isopropyl storage bottle, sharps container, 100 pk cotton tips and instruction CD. |

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## Core Alignment Fusion Splicers

| PRODUCT | | DESCRIPTION |
|---|---|---|
| FSM62S | | The Fujikura 62S provides active core alignment splice loss performance while utilising a conventional wind protector and tube heater design. An alternative to the fully automated core-alignment model 70S, the 62S includes an auto-start feature for both the splicing and tube heating process that minimises the steps necessary to process splices. |
| | | **ORDERING INFORMATION** |
| | | FUJFSM62S-K1 — Fujikura FSM62S Core Alignment Splicer Kit with CT30A Cleaver |
| | | FUJFSM62S-K2 — Fujikura FSM62S Core Alignment Splicer Kit with CT06A Cleaver |
| | | FUJFSM62S-K3 — Fujikura FSM62S Core Alignment Splicer Kit, No Cleaver |
| | | **Inclusions** |
| | | Fibre Clamp 5-16 mm Cleave Length 250/900 µm (pair), AC Adapter/Battery Charger/DC Inlet, Battery pack, Battery Charge Lead, Electrodes Set (1 fitted + 1 spare), Ruggedised Case. All splicer kits include safety goggles, sharps container, alcohol dispenser, 100 pk cotton tips, sleeve loader, electrode removal screwdriver, USB communications lead and instruction CD. |
| FSM70S | | The Fujikura 70S is the world's fastest and most robust core alignment fusion splicer. Incorporating the proven ruggedised features pioneered by Fujikura, the 70S has added automated and enhanced user control features to increase splicing efficiency. |
| | | **ORDERING INFORMATION** |
| | | FUJFSM70S-K1 — Fujikura FSM70S Core Alignment Splicer Kit with CT30A Cleaver |
| | | FUJFSM70S-K2 — Fujikura FSM70S Core Alignment Splicer Kit with CT06A Cleaver |
| | | FUJFSM70S-K3 — Fujikura FSM70S Core Alignment Splicer Kit, No Cleaver |
| | | **Inclusions** |
| | | Fibre Clamp 5-16 mm Cleave Length 250/900 µm (pair), AC Adapter/Battery Charger/DC Inlet, Battery pack, Battery Charge Lead, Electrodes Set (1 fitted + 1 spare), Ruggedised Case. All splicer kits include safety goggles, sharps container, alcohol dispenser, 100 pk cotton tips, sleeve loader, electrode removal screwdriver, USB communications lead and instruction CD. |

## Cladding Alignment Ribbon Splicers

| PRODUCT | | DESCRIPTION |
|---|---|---|
| FSM70R | | The Fujikura 70R is equipped with a precision, fixed v-groove for splicing single fibres or ribbon fibre up to 12 fibres. Incorporating the proven ruggedised features pioneered by Fujikura, the 70R has added automated and enhanced user control features to increase splicing efficiency. |
| | | **ORDERING INFORMATION** |
| | | FUJFSM70R12-K1 — FSM70R Cladding Alignment Splicer Kit with CT30 Cleaver, HJS-02 Thermal Jacket Stripper and BTR-09 Battery Pack |
| | | **Inclusions** |
| | | Fujikura 12 Fibre Ribbon Holder Set, AC Adapter/Battery Charger/DC Inlet, Battery Pack, Battery Charge Lead, Electrodes Set (1 fitted + 1 spare), HJS-02 AC Adapter, HJS-02 DC Lead, Ruggedised Case. All splicer kits include safety goggles,  sharps container, alcohol dispenser, 100 pk cotton tips, sleeve loader, electrode removal screwdriver, USB communications lead and instruction CD. |

## Precision Cleavers

| PRODUCT | | DESCRIPTION |
|---------|--|-------------|
| CT-30 | | Fujikura's flagship cleaver, the CT-30, is capable of cleaving single and ribbon fibres (up to 12 fibres), combining seamless adaptability with precision performance, its automated off-cut collection system and compatibility with Fujikura's fibre holder system set the standard for ease of use. |

| ORDERING INFORMATION | | PACKAGING |
|----------------------|--|-----------|
| FUJCT30 | Fujikura CT-30 Single Fibre Precision Cleaver (fibre holder version) | Each |
| FUJCT30A | Fujikura CT-30A Single Fibre Precision Cleaver including AD30-A Fibre Plate | Each |
| Standard package includes cleaver, sharps collector, carry case, hexagonal wrench and instruction manual. | | |
| **Adapter Plates** | | |
| FUJCT-30AD30A | CT-30 Adapter Plate, 250/900 µm (dual channel) | Each |
| FUJCT-30AD30B | CT-30 Adapter Plate, 250/900 µm 16 mm Fixed Cleave | Each |

**CT-06** — The CT-06 offers a cost effective solution for single fibre applications, while maintaining excellent cleave performance.

| ORDERING INFORMATION | | PACKAGING |
|----------------------|--|-----------|
| FUJCT06 | Fujikura CT-06 single fibre precision cleaver (fibre holder version) | Each |
| FUJCT06A | Fujikura CT-06A single fibre precision cleaver including AD-10 fibre plate | Each |
| Standard package includes cleaver, sharps collector, carry case, hexagonal wrench and instruction manual. | | |
| **Adapter Plates** | | |
| FUJCT-30AD10 | CT-06 adapter plate, 250/900 µm (single channel) | Each |

## Fusion Splicer Accessories

| PRODUCT | | DESCRIPTION |
|---------|--|-------------|
| Accessories | | **ORDERING INFORMATION** |

| | |
|--|--|
| FUJFSM-EL50/60S | Electrode Set to suit FSM-70S/R, 19S/R, 62S |
| FUJFSM-EL12S | Electrode Set to suit FSM-12S/22S |
| FUJFSM-BTR09 | Battery Pack to suit FSM-70S/R, 19S/R, 62S |
| FUJFSM-BTR10 | Rechargeable Battery to suit 12S |
| FUJFSM-BTR11 | Long Life Battery to suit 22S |
| FUJFSM-DCC12 | 12V Cigarette Lighter Lead to suit FSM-70S/R, 19S/R |
| FUJFSM-70SCLAMPB | Fibre Clamp, 16 mm Cleave Length, 900 µm Loose Buffer FSM-19S/70S |
| FUJFH-60-250 | 250 µm Fibre Holder Single Fibre FSM-70S/R, 19S/R, CT30, CT06/Hot jacket stripper (pair) |
| FUJFH-60-900 | 900 µm Fibre Holder Single Fibre FSM-70S/R, 19S/R, CT30, CT06/Hot Jacket Stripper (pair) |
| FUJFH-60-LT900 | 900 µm Loose Buffer Fibre Holder Single Fibre FSM-70S/R, 19S/R, CT30, CT05/Hot Jacket Stripper (pair) |
| FUJFSM-ADC09 | HJS-02 AC Power Supply + AC Lead |
| FUJHJS02 | Hot Jacket Stripper |
| FUJFAT04 | Fibre Arrangement Tool |
| FUJFST12 | Fibre Separation Tool |
| FUJFSM-EXTWAR5Y | Fujikura Splicer Extended Care Plan, FSM70S/70R, FSM62S, FSM19S/19R, FSM12S, FSM22S |

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## Fujikura Specialty Splicers

| PRODUCT | | DESCRIPTION |
|---|---|---|
| **FSM100M+ and FSM100P+** |  | The Fujikura specialty fibre splicer FSM-100 series offer a host of innovative technology to address the rapidly expanding splicing needs for factory, manufacturing, laboratory and R&D applications. These models are introduced as 'ARCMaster' splicers due to their unique capabilities to control the plasma zone of the fusion arc. These capabilities will revolutionise the way users will splice various types of specialty fibres, LDFs, PMFs and so on. |

| ORDERING INFORMATION | | PACKAGING |
|---|---|---|
| **Splicer Kits** | | |
| FUJFSM100M | FSM100M Speciality Fibre Fusion Splicer (LDF) | Each |
| FUJFSM100P | FSM100P Polarisation Maintaining Splicer (LDF) | Each |
| FUJFSM100M+ | FSM100M+ Specialty Fibre Fusion Splicer (X-LDF) | Each |
| FUJFSM100P+ | FSM100P+ Polarisation Maintaining Splicer (X-LDF) | Each |
| **Accessories** | | |
| FUJFH-100-xxx | Fibre Holder | Each |
| FUJFH-100-xxx-EV | Fibre Holder with End-view Functionality | Each |
| FUJFH-40-LT900 | Fibre Holder 900 µm for Loose Buffer | Each |
| xxx = coating/glass diameter (µm) | | |

| PRODUCT | | DESCRIPTION |
|---|---|---|
| **LZM100 LAZERMaster™** |  | Fujikura's ARCMaster® series of specialty fusion splicers are designed for laboratory and manufacturing facilities. The ARCMaster range allows for splicing of specialty fibres such as large diameter fibre and polarisation maintaining fibre. The ARCMaster® series is complemented by a comprehensive range of accessories such as polyimide coated strippers, fibre recoaters and specialty cleavers. |

| ORDERING INFORMATION | | PACKAGING |
|---|---|---|
| **LZM100 Kits** | | |
| FUJLZM100-K1 | LZM100 LAZERMaster™, Laser Splicing System Kit, Basic | Each |
| FUJLZM100-K2 | LZM100 LAZERMaster™, Laser Splicing System Kit, Enhanced | Each |
| **Accessories** | | |
| FUJFH-100-xxx | Fibre Holder | Each |
| FUJFH-100-xxx-EV | Fibre Holder with End-view Functionality | Each |
| xxx = coating/glass diameter (µm) Note: Fibre holders to be purchased separately | | |

## Fujikura Specialty Cleavers

| PRODUCT | | DESCRIPTION | | |
|---|---|---|---|---|
| **CT-32** | | The CT-32 is designed for cleaving silica fibre with 125 µm cladding diameter, especially for its short length cleaving capability. Minimum 3 µm cleave is possible by up to 400 µm fibre coating, while the coating to be clamped. | | |
| | | **ORDERING INFORMATION** | | **PACKAGING** |
| | | FUJCT32 | Fujikura CT-32 Advanced Optical Fibre Cleaver | Each |
| | | **Accessories** | | |
| | | FUJFH-40/100-xxx | Fibre Holder | Each |
| | | FUJCT-30BLADE | CT-32 Replacement Blade | Each |
| | | xxx = coating/glass diameter (µm) | | |
| **CT-38** | | The CT-38 is designed for cleaving silica optical fibre with an 80 µm cladding diameter. Minimum 3 µm cleave is possible, while the coating to be clamped. The CT-38 accepts the FH-40 and FH-100 series Fibre Holder System. | | |
| | | **ORDERING INFORMATION** | | **PACKAGING** |
| | | FUJPCS38 | Fujikura CT-38 Advanced Optical Fibre Cleaver | Each |
| | | **Accessories** | | |
| | | FUJFH-40/100-xxx | Fibre Holder | Each |
| | | FUJ-CT-30BLADE | PCS-38 Replacement Blade | Each |
| | | xxx = coating/glass diameter (µm) | | |
| **CT-101/102** | | The CT-101/102 are designed for cleaving silica fibre with 80 to 250 µm cladding diameter, especially for its angle cleaving capability. CT-101 can be used with the FH-100 series fibre holder and FSM-100 series fusion splicer. The CT-102 is designed to be used with the FH-60 series fibre holders and telecom fusion splicers. | | |
| | | **ORDERING INFORMATION** | | **PACKAGING** |
| | | FUJCT101/102 | Fujikura CT-101/102 Advanced Optical Fibre Cleaver | Each |
| | | **Accessories** | | |
| | | FUJFH-100-xxx | Fibre Holder (for CT-101) | Each |
| | | FUJFH-60-xxx | Fibre Holder (for CT-102) | Each |
| | | FUJCT-101/102BLADE | CT-101/102 Replacement Blade | Each |
| | | xxx = coating/glass diameter (µm) | | |
| **CT-105/106** | | When exceptional cleave quality is required for fibres up to 1,250 µm, the new large diameter CT-105/106 cleaver family provides both flat and angled cleaves using an automatic clamping system with programmable force. | | |
| | | **ORDERING INFORMATION** | | **PACKAGING** |
| | | FUJCT105/106 | Fujikura CT-105/106 Large Diameter Fibre Cleaver | Each |
| | | **Accessories** | | |
| | | FUJCT-105ADFH100 | Fibre Holder Adapter | Each |
| | | FUJCT-105/106BLADE | CT-105/106 Replacement Blade | Each |
| | | xxx = coating/glass diameter (µm) | | |

## Fibre Preparation

| PRODUCT | | DESCRIPTION |
|---|---|---|
| **APM-101/102 Automatic Preparation Machine** | | The APM-101/102 perform all the steps required to prepare optical fibres before splicing – automatically and with high consistency. This includes stripping the fibre without degrading fibre quality, cleaning fibre with alcohol to remove coating residue, and cleaving consistently at a right angle to the fibre axis. |

| ORDERING INFORMATION | | PACKAGING |
|---|---|---|
| FUJAPM102/102 | Fujikura APM-101/102 Optical Fibre Automatic Preparation Machine | Each |
| **Accessories** | | |
| FUJFH-100-xxx | Fibre Holder | Each |
| FUJFH-100-xxx-EV | Fibre Holder with End-view Functionality | Each |
| FUJCT-100BLADE | CT-100 Replacement Blade | Each |
| xxx = coating/glass diameter (µm) | | |

| PRODUCT | | DESCRIPTION |
|---|---|---|
| **USC-03 Ultrasonic Cleaner** | | The USC-03 is Ultrasonic Cleaner designed for the cleaning of optical fibre using the FH-40, 50, 60 and 100 series of Fujikura Fibre Holder. Timer switch and Cleaning Power Volume enable to edit cleaning program. By using this equipment the fibre can be cleaned after stripping without any physical contact. |

| ORDERING INFORMATION | | PACKAGING |
|---|---|---|
| FUJUSC03 | Fujikura USC-03 Ultrasonic Cleaner | Each |
| **Accessories** | | |
| FUJFSM-ADC10 | AC Adapter | Each |

| PRODUCT | | DESCRIPTION |
|---|---|---|
| **PCS-100 Polyimide Coating Stripper** | | Polyimide coated optical fibres are now widely used in the oil, gas and medical industries. The polyimide coating has superior heat and chemical resistance to conventional UV curable coating material, but the coating requires additional care to remove. Dangerous chemical stripping using hot sulfuric acids is a common method to strip the fibre due to strong coating adhesion to the fibre cladding. The PCS-100 Polyimide Coating Stripper is the first tool that uses a mechanical stripping method, providing a safe, consistent and quick stripping solution. |

| ORDERING INFORMATION | | PACKAGING |
|---|---|---|
| FUJPCS100 | Fujikura PCS-100 Polyimide Coating Stripper | Each |
| **Accessories** | | |
| FUJFH-100-xxx | Fibre Holder | Each |
| FUJPCS100-BLADE | PCS-100 Replacement Blades | Pack of 50 blades |
| xxx = coating/glass diameter (µm) | | |

| PRODUCT | | DESCRIPTION |
|---|---|---|
| **HJS-02 Thermal Jacket Stripper** | | The HJS-02 is suitable for use to strip specialty fibres and accepts the FH-40 series and FH-100 series Fibre Holder System. The HJS-02 is equipped with a heater, which soften the coating of the fibre for smooth stripping. |

| ORDERING INFORMATION | | PACKAGING |
|---|---|---|
| FUJHJS02 | Fujikura HJS-02 Thermal Jacket Stripper | Each |

| PRODUCT | | DESCRIPTION |
|---|---|---|
| **HTS-12 High Precision Fibre Stripper** | | The HTS-12 is designed for stripping single count of silica optical fibre by keeping the stripped fibre's glass surface free from any physical contact. In order to achieve the above condition, the HTS-12 has a precise linear slide base for stripping action. |

| ORDERING INFORMATION | | PACKAGING |
|---|---|---|
| FUJHTS12 | Fujikura HTS-12  High Precision Fibre Stripper | Each |
| **Accessories** | | |
| FUJHTS-CT250 | Blades for 250 µm | Each |

## Optical Fibre Recoaters

| PRODUCT | DESCRIPTION | |
|---|---|---|
| **FSR-05/FSR-06/FSR-07** |  | The FSR-05 is a model which has recoating only without a proof tester. This model is appropriate for manufactures that don't require constant proof testing after each recoat. FSR-06 is a model which has a recoater and proof tester with a linear clamping system. The FSR-07 has a recoater and mandrel proof testing. This model is appropriate not only for recoating but also reliability proof testing as well as tension testing to failure. |

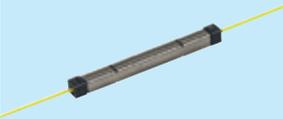| ORDERING INFORMATION | | PACKAGING |
|---|---|---|
| FUJFSR05 | Fujikura FSR-05 Fibre Recoater | Each |
| FUJFSR06 | Fujikura FSR-06 Fibre Recoater with proof tester | Each |
| FUJFSR07 | Fujikura FSR-07 Fibre Recoater with mandrel proof tester | Each |
| **Accessories** | | |
| FUJFSR-05MOLDxxx | Mold for FSR-0, xxxµm | Each |
| FUJFSR-05BTL01 | UV Resin Bottle | Each |
| FUJFSR-05PUMP01 | Spare Pump for quickly changing UV resin type | Each |
| FUJFSR-FGA02 | Force Gauge Adapter (for FSR-06 and FSR-07) | Each |
| FUJFSR-FGP20 | Force Gauge (for FSR-06 and FSR-07) | Each |

## Tools and Accessories

| PRODUCT | | DESCRIPTION | | |
|---|---|---|---|---|
| **Tools** |  | AFL provide a wide range of tools for cable preparation before splicing or connector termination. These include outer sheath removal, stripping tools and cable cutters. | | |
| | | **ORDERING INFORMATION** | | **PACKAGING** |
| | | HTST250-E | Ergonomic Fibre Optic Stripper – 250 µm | Each |
| | | HTST250/9/2-E | Ergonomic Fibre Optic Stripper 3 Hole | Each |
| | | HTCABCUT20-HL | High Leverage Cable Cutter 20 mm | Each |
| | | HTCABCUT200-D | Cable Cutter – Diagonal Pliers 200 mm | Each |
| | | HTSCKEV-E | Ergonomic Wire and Kevlar Cutting Tool | Each |
| | | HTSLDROP250FL | Drop Cable Slitter 250 µm Flat | Each |
| | | HTCONBL2 | Replacement Blades to suit HTSLDROP250FL | Each |
| | | HTSLROC-DROP | ROC Drop Cable Slitter | Each |
| | | HTCONBL3 | Replacement Blades to suit ROC Drop Cable Slitter | Each |
| | | HTST4.5/29 | Round Cable Stripper 4.5 mm – 29 mm | Each |
| | | IDE5163 | Stripping Tool 3.2 mm – 5.6 mm | Each |
| | | EGE1890 | Cable Outer Sheath Stripper | Each |
| | | EGE1890B | Cable Sheath Stripper Blade | Each |
| **Cable Preparation Kits** |  | **ORDERING INFORMATION** | | **PACKAGING** |
| | | AFCKIT-CABLEPREP | Fibre Cable Preparation Tool Kit | Each |
| | | Kit Includes: Pelican case, cable outer sheath stripper, loose tube cable stripper, Kevlar cutters, ergonomic fibre optic stripper, JR-25 strippers 250 & 900 µm, alcohol dispenser, safety glasses, sharps container, cable cutter - diagonal pliers | | |
| | | AFCKIT-CABLEPREP-CK | Fibre & Cable Cleaning Consumable Kit | Each |
| | | Kit Includes: Gel cleaning kit (pack 10), lint free wipes, alcohol swabs (200 per box) | | |
| **Accessories** |  | **ORDERING INFORMATION** | | **PACKAGING** |
| | | KIM3412 | Lint Free Wipes | Each |
| | | KIM6835 | Alcohol Wipes | Each |
| | | MEN712 | Alcohol Dispenser 120 ml | Each |
| | | TMT4415 | Gel Cleaning Kit | Pack of 10 |
| | | SENKGSC | Isopropyl Alcohol – Spray Can | Each |
| | | SENKG-1LTR | Isopropyl Alcohol – 1 Litre | Each |
| | | SENKG-5LTR | Isopropyl Alcohol – 5 Litre | Each |
| | | MCF1012 | Sharps Container – Large 1.4lt | Each |
| | | MCF1013 | Sharps Container – Small | Each |
| | | MCF1014 | Sharps Container – Extra Small | Each |

## Field Terminated Connectors

| PRODUCT | | DESCRIPTION | | |
|---|---|---|---|---|
| **Fujikura FAST Connectors** | | The FASTConnect® field-installable connectors are factory pre-polished connectors that completely eliminate the need for hand polishing in the field. Proven mechanical splice technology ensuring precision fibre alignment, a factory pre-cleaved fibre stub and a proprietary index-matching gel combine to offer an immediate low loss termination to either single-mode or multimode optical fibres. | | |
| | | **ORDERING INFORMATION** | | **PACKAGING** |
| | | FAST-SC1-250/900 | SC SM 9 μm Fast Connector 1 mm Boot | Each |
| | | FAST-SCA1-250/900 | SCA SM 9 μm Fast Connector 1 mm Boot | Each |
| | | FAST-LC1-250/900 | LC SM 9 μm Fast Connector 1 mm Boot | Each |
| | | FAST-SC3-250/900 | SC OM3 50 μm 10G Fast Connector 1 mm Boot | Each |
| | | FAST-LC3-250/900 | LC OM3 50 μm 10G Fast Connector 1 mm Boot | Each |
| | | FAST-SC6-250/900 | SC OM1 62.5 μm Fast Connector 1 mm Boot | Each |
| | | FAST-ST6-250/900 | ST OM1 62.5 μm Fast Connector 1 mm Boot | Each |
| | | AFCKIT-FASTTERM-MMSM | Fast Connect Termination Kit Multimode/Single-mode | Kit |
| | | AFCKIT-FASTTERM-MM | Fast Connect Termination Kit Multimode | Kit |
| | | FAST Connectors available in 1 mm or 2/3 mm cord styles. Contact AFL for other connector variants. | | |
| **Fujikura FuseConnect** | | The FUSEConnect fusion-spliced, field-installable connectors are uniquely designed and feature only four to five components. The factory pre-polished ferrule eliminates the need for polishing, adhesives, and crimping in the field, which minimises the potential for operator error and expensive connector scrap. | | |
| | | **ORDERING INFORMATION** | | **PACKAGING** |
| | | FUSE-SC1-250/900 | SC SM 9 μm Fuse Connector 1 mm Boot | Each |
| | | FUSE-SCA1-250/900 | SCA SM 9 μm Fuse Connector 1 mm Boot | Each |
| | | FUSE-LC1-250/900 | LC SM 9 μm Fuse Connector 1 mm Boot | Each |
| | | FUSE-SC3-250/900 | SC OM3 50 μm 10G Fuse Connector 1 mm Boot | Each |
| | | FUSE-LC3-250/900 | LC OM3 50 μm 10G Fuse Connector 1 mm Boot | Each |
| | | FUSE-SC6-250/900 | SC OM1 62.5 μm Fuse Connector 1 mm Boot | Each |
| | | FUSE-ST6-250/900 | ST OM1 62.5 μm Fuse Connector 1 mm Boot | Each |
| | | FUSE-MPOF-1-3RM | MPO Female SM Fuse Connector 3 mm Round Mini | Each |
| | | FUSE-MPOM-1-3RM | MPO Male SM Fuse Connector 3 mm Round Mini | Each |
| | | FUSE-MPOF-3-3RM | MPO Female OM3/4 Fuse Connector 3 mm Round Mini | Each |
| | | FUSE-MPOM-3-3RM | MPO Male OM3/4 Fuse Connector 3 mm Round Mini | Each |
| | | FuseConnect is available in 1 mm, 2 mm, 3 mm or 2/3 mm. MPO FuseConnect is available in 3 mm Round Mini and 12F. Contact AFL for other connector variants. | | |

## Mechanical Splices

| PRODUCT | | DESCRIPTION | | |
|---|---|---|---|---|
| **Fujikura Mechanical Splice** | | Fujikura's mechanical splice system provides quick and reliable fibre connections with a maximum insertion loss of less than 0.5 dB (avg <0.1 dB) and return losses greater than 40 dB. | | |
| | | **ORDERING INFORMATION** | | **PACKAGING** |
| | | FUJMS250900 | 250 / 900 μm Mechanical Splice | Pack of 50 |
| | | AFLKIT-FUJMECHSPL | 250 / 900 μm Mechanical Splice Kit | Kit |
| | | AFLKIT-FUJMECHSPL-CT30 | 250 / 900 μm Mechanical Splice Kit with CT06 Cleaver | Kit |

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