



FAST SERVICE & TURN AROUND



ADVANCED IN-HOUSE ENGINEERING



FIBRE & COPPER CABLE MANUFACTURING



EXPERT TECHNICAL SUPPORT & ADVICE



PROUDLY AUSTRALIAN OWNED & OPERATED

FIBRE OPTIC FUSION SPLICING EQUIPMENT





FIBER FOX FUSION SPLICING TOOLS AND ACCESSORIES

Fiber Fox fusion splicing tools by JCS Technologies provide innovative solutions for field network installation and manufacturing processes.

The lightest and most compact Fusion Splicer units on the market, they are designed for the needs of splice technicians, offering high durability and performance, fast splice and heating times,.

The standard kit includes a precision cleaver and two extended life batteries.

These highly versatile units are compatible with Splice-On Connectors and are ideal for premise and long haul OSP applications.

FEATURES

- Full range of fusion splice tools
- Precision core or cladding alignment
- SOC compatible
- High resolution touch-screen display
- User friendly GUI
- Ultra-high capacity battery
- Precision fibre cleaving tools

APPLICATIONS

- Multimode and Singlemode
- Single fibre and ribbon
- Datacomms, Telecoms, FTTx



SIZE: 122mm x 124mm x 138mm

WEIGHT: 1.39kg without the battery

 **Fiber Fox**

The Smallest Core Alignment Splicer

1.39
kg

400
cycles

7
sec

0.01
dB

FIBER FOX MINI 6S ACTIVE CORE ALIGNMENT FUSION SPLICER

The super compact Mini 6S with its excellent portability and reliability gives users unmatched convenience under any environmental conditions. Faster splicing and heating times and extended battery life combined with excellent splice loss provide unprecedented performance.

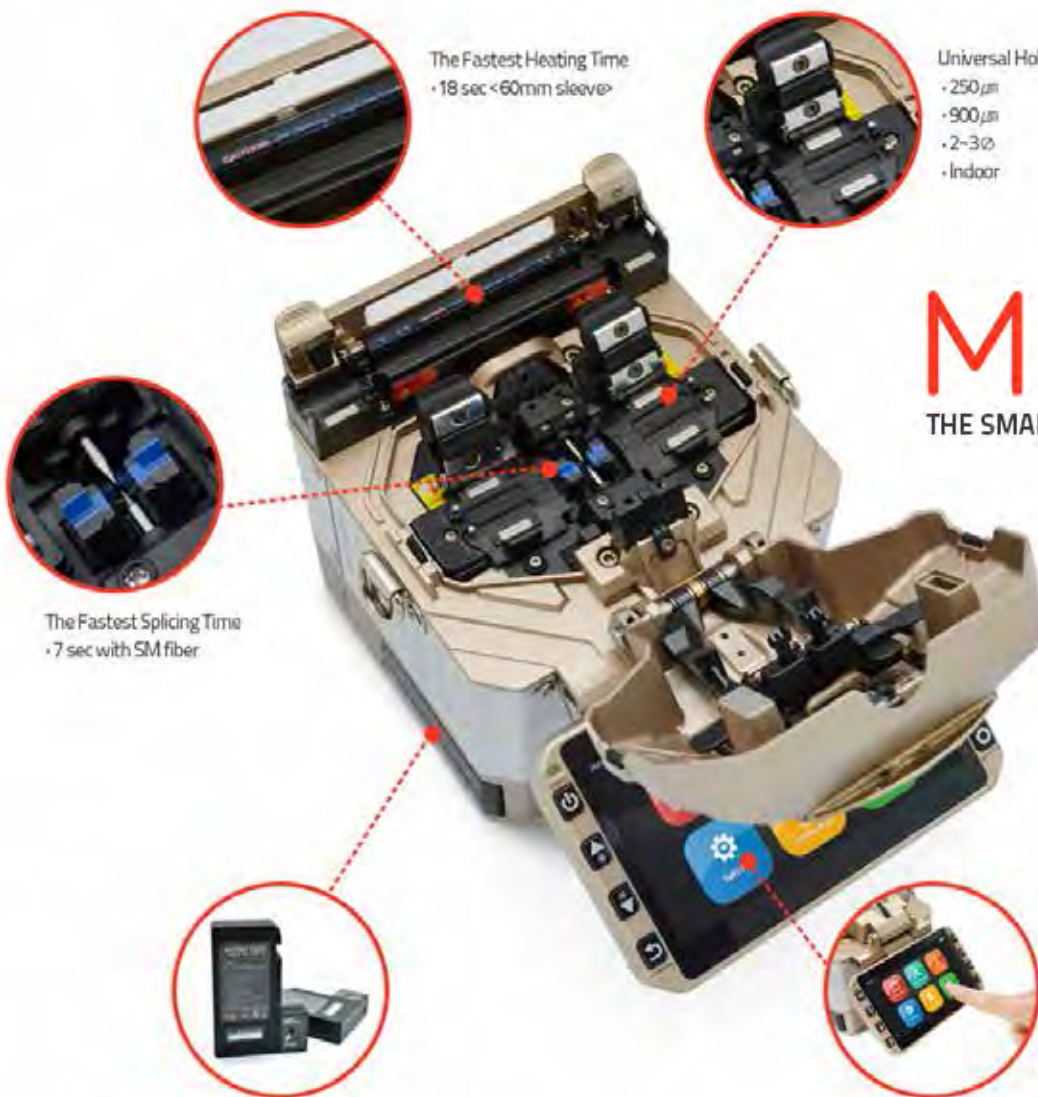
Consistently ultra-low loss splicing is achieved using the DWACAS (Digital Wavelength Automatic Core Alignment System).

33 Factory-installed and 70+ user-defined programs enable high performance splicing of most SM and MM fibre types.

The Mini 6S is compatible with splice-on connectors and is supplied as a kit including precision cleaver and spare battery.

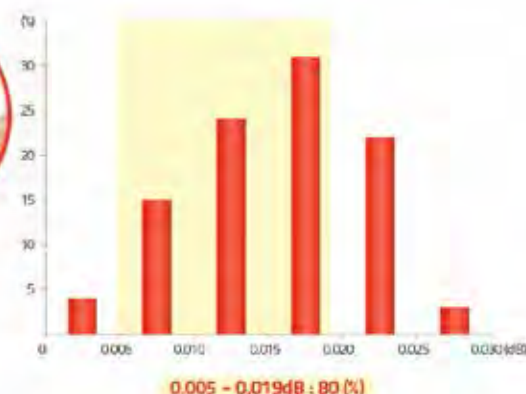
FEATURES

- Smallest and lightest core alignment splicer
- Excellent splicing performance
- Accepts most SM and MM fibre types
- 33 Pre-installed programs
- SOC compatible
- Universal fibre holder
- Shock, water and dustproof
- Full touch-screen display
- 200 cycles capacity battery



Mini 6S

THE SMALLEST CORE ALIGNMENT SPLICER



FIBER FOX MINI 4S

ACTIVE CLADDING ALIGNMENT FUSION SPLICER

The Mini 4S is designed for excellent portability and reliability in FTTx applications under any environmental and field conditions. Faster splicing and heating times and extended battery life combined with consistently low splice loss provide high efficiency and satisfaction.

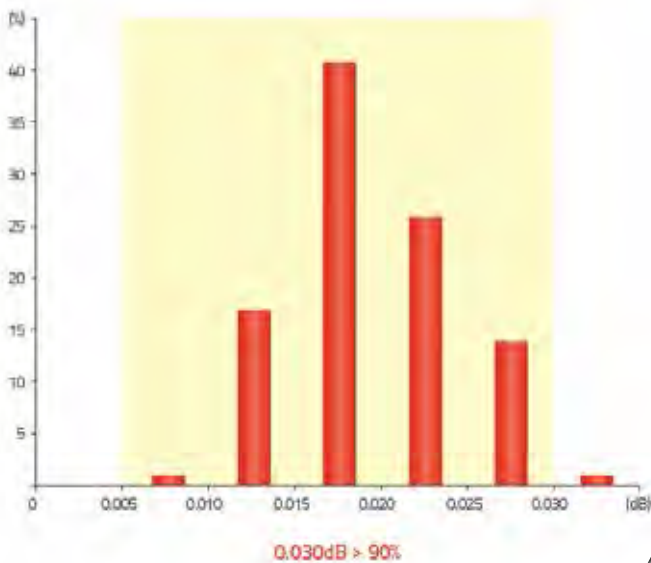
Consistent low loss splicing results are achieved using the 4-motor DAA (Digitalised Active Alignment) system.

80+ user-defined or factory-installed programs enable high performance splicing of most SM and MM fibre types.

The Mini 4S is compatible with splice-on connectors and is supplied as a kit including precision cleaver and spare battery.

FEATURES

- Compact active clad alignment splicer
- Excellent splicing performance
- Accepts most SM and MM fibre types
- SOC compatible
- Universal fibre holder
- Shock, water and dustproof
- Full touch-screen display
- 200 cycles capacity battery



Mini 4S

4 MOTORS ACTIVE ALIGNMENT SPLICER

1.31
kg

400
cycles

7
sec

0.02
dB



FIBER FOX MINI 6S & MINI 4S KIT ORDERING

Item	Description	Part Number
Mini 6S Fusion Splicer Kit	Kit including splicer, precision cleaver, 2 batteries, AC power supply, hard carry case, spares and cables	FSM-6S-KIT
Mini 4S Fusion Splicer Kit		FSM-4S-KIT

MINI 6S / 4S SPECIFICATIONS

	Min 6S	Mini 4S
Splice Method	Core Alignment	Clad Alignment
Average Loss SM/MM/DS/NZDS/G657	0.02/0.01/0.04/0.04/0.02 dB	0.03/0.01/0.05/0.05/0.03 dB
Return Loss		60dB
Splice Time (avg/quick mode)		12/7s
Splice Programs (Factory/User)	33/70+	8/70+
Splice Memory	2000 records + images	2000 records
Data Output	Micro HDMI – USB master device	
Fibre Types	SM(G652)/MM(G651)/DS(G653)/NZDS(G655)/G657A/G657B 0.25, 0.9, 2.0, 2.4, 3.0mm, FLAT (indoor cable)	
Clad Diameters	80-150µm	
Coating Diameter	100-1000 µm	
Cleaved Length 250µm	8-16mm	5-16mm
Cleaved Length 900µm up	16mm	8-16mm
Protection Sleeve	40,60mm; SOC	40,60mm; SOC 3.0, SOC 0.9
Heating Time	Typical 18s	
Electrode Life	>3500 arcs	
Battery Life	Typical 200 cycles / battery	
Power Supply	AC 100-240V input or DC 9-14V	
Weight (w/o battery)	1.39kg	1.31kg
Size	122x124x138mm	
Monitor	Colour 4.3" Touch Screen with tempered glass	
Operating Environment	-15-60°C, 95%RH, 5000m elevation, 15m/s wind	
Storage Environment	-40-80°C, 95%RH, battery -20-30°C	
Pull Strength	1.96-2.25N	

MINI 6S/ 4S KIT



FIBER FOX MINI 12R RIBBON SPLICER

The Mini 12R achieves the most compact ribbon splicer without compromising performance. With its excellent portability and reliability it gives users excellent utility under any environmental conditions for mass-splicing activities. Faster splicing and heating times and extended battery life combined with consistently ultra-low splice loss provide unprecedented efficiency and satisfaction.

100 splice modes programs enable high performance splicing of most SM and MM ribbon fibre types.

The Mini 12R is compatible with splice-on MPO connectors and is supplied as a kit including precision cleaver, hot jacket stripper and spare battery.

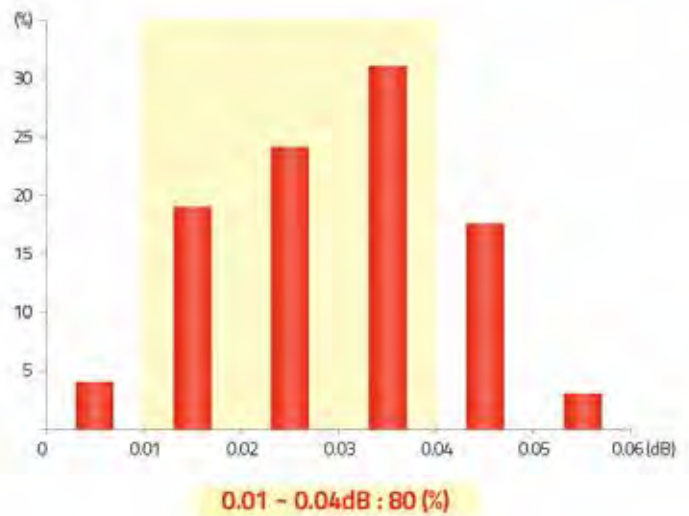
FEATURES

- Smallest, lightest ribbon splicer
- Up to 12 fibre ribbon
- Excellent splicing performance
- Accepts most SM & MM ribbon types
- 100 splice modes
- MPO SOC compatible
- Universal fibre holder
- Shock, water and dustproof
- Full touch-screen display
- 200 cycles capacity battery



Mini 12R

THE SMALLEST RIBBON SPLICER



1.26
kg

240
cycles

15
sec

0.03
dB

FIBER FOX MINI 12R KIT ORDERING

Item	Description	Part Number
Mini 12R Fusion Splicer Kit	Kit including splicer, precision cleaver, hot stripping tool, 2 batteries, AC power supply, hard carry case, spares and cables	FSM-12R-KIT

MINI 12R SPECIFICATIONS

Fibre Types	SM(G652, 657)/MM(G651)/DS(G653)/NZDS(G655)
Average Loss SM/MM/DS/NZDS	0.03/0.02/0.08/0.08 dB
Fibre Count	Single to 12 Fibre Ribbon
Splice Time	Typical 15s
Splice Programs (Factory/User)	100
Splice Memory	2000 records
Clad / Coat Diameters (Single)	125/160 to 3.0mm via Fibre Holder System
Clad / Coat Diameters (Ribbon)	125 / Ribbon Fibre Thickness 0.25 to 0.4mm
Cleaved Length	13mm
Protection Sleeve	40, 60mm; MPO SOC
Heating Time	Typical 20s
Electrode Life	>1500 arcs
Battery Life	Typical 120 cycles / battery
Power Supply	AC 100-240V input or DC 9-14V
Weight (w/o battery)	1.26kg
Size	122x124x138mm
Monitor	Colour 4.3" Touch Screen with tempered glass
Operating Environment	-10-60°C, 95%RH, 5000m elevation
Storage Environment	-40-80°C, 95%RH, battery -20-30°C
Pull Strength	1.96-2.25N
Data Output	USB 2.0 (mini B-type) connector to PC
Remote Access	PC software upgrade / maintenance / data management

MINI 12R KIT



- 1 MINI 12R Splicer
- 2 MINI 50G Cleaver
- 3 Cleaver Softcase
- 4 Cooling Tray
- 5 Spare Electrode
- 6 Connector Heater Block
- 7 Connector Holder
- 8 Operation Manual CD
- 9 Car Cigar Jack
- 10 2 Battery Packs
- 11 Shoulder Strap
- 12 Hot Jacket Stripper
- 13 Power Cord
- 14 AC Adapter
- 15 USB Cable
- 16 A/C Adapter for Stripper
- 17 Hand Carrying Case



MINI 50G / MINI 50GB CLEAVER AND SPLICING ACCESSORIES

The Mini 50G / 50GB Precision Cleaver provides reliable ±0.5° cleave angles on all fibre and ribbon fibre types, ensuring repeatable high performance splicing.

The Mini 50GB model includes an integral sharps collector.

The blade can be rotated through 16 positions to give up to 50,000 cleaves, after which spare blades can be easily installed.



ORDERING INFORMATION

Mini 50G
THE MOST EFFICIENT MINI CLEAVER

Mini 50GB
THE CLEAVER WITH AUTOMATIC COLLECTOR

Item	Description	Order Code
Mini 6S Fusion Splicer Kit	Kit including splicer, precision cleaver, 2 batteries, AC power supply, hard carry case, spares and cables	FSM-6S-KIT
Mini 4S Fusion Splicer Kit		FSM-4S-KIT
Mini 12R Fusion Splicer Kit	Kit as above with additional hot stripping tool	FSM-12R-KIT
Mini 50G Cleaver	Fibre Cleaving Tool	FSC-50G
Mini 50GB Cleaver	Fibre Cleaving Tool with sharps collector	FSC-50GB
Hot Jacket Stripper	Hot jacket stripping tool for ribbon fibre	FSA-STRIP
Spare Electrodes	Pair of electrodes suit all models	FSA-ELECT
Spare Cleaver Blade	Spare blade suits 50G and 50GB cleavers	FSA-BLADE



STRIPPER



ELECTRODE



BLADE

NOTE: If there is a particular product not listed that you require, please contact the JCS Technologies Sales and Support Team: (02) 8878 6600



LOCAL MANUFACTURE, SERVICE AND SUPPORT

www.jcstech.com.au