

Fibreco connectors

Universal Field Splice

Productsheet
Universal Field Splice

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Contact

In case of any questions,
call us on +31 (0)416-387700 or
sent an email to:
sales@simacelectronics.nl.

We like to help you!



The Fibreco advantage

The Universal Field Splice has been developed to offer fast in-field repairs to damaged multimode and singlemode MIL-TAC fiber optic cable.

The field splice enclosure features a rugged, fully sealed, rigid design with strain-relief for standard 2 and 4 channel tactical cable. The universal design allows the use of Corning CamSplice™ mechanical splices (supplied as standard) and 3M Fibrlok™ mechanical splices. The enclosure is also suitable for use with many modern fusion splicers.

The Universal Field Splice is available as standard in Aluminium (black hard anodised) material. A Stainless Steel version is also available for offshore and mining applications.

A range of termination and replenishment kits are available including a full termination tool kit complete with heavy duty fitted carry case.

Replenishment kits provide replacement strain-relief components and consumables to enable the re-use of field splice enclosures.

Features

- Repairs 1 to 4 fiber MIL-TAC cable
- Multimode or Singlemode
- Universal design for mechanical or fusion splices
- High tensile load
- Fully Sealed
- Re-Usable

Fibreco Expanded Beam

Fast and easy

Suitable for many applications

Designed for harsh environment

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Mechanical

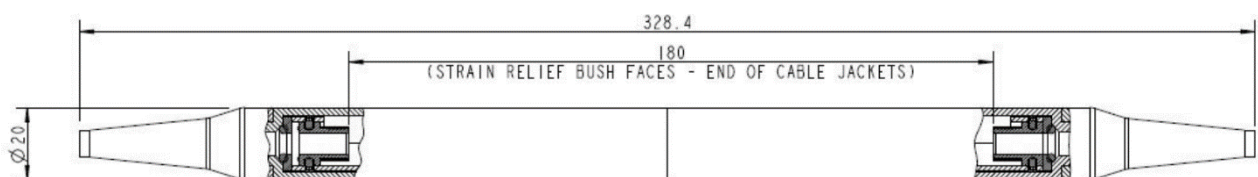
Free Fall Resistance	500 Falls from 1.2m height
Vibration	10-500Hz, 3 directions, 0.75mm amplitude@ 10g acceleration
Bump	4000 bumps @ 40g acceleration
Crush Resistance	3kN
Cable Retention	1500N (Cable Dependant)
Weight (approx)	Aluminium shell 150g
Connector Shell Material / Color	Black anodised Aluminium or Stainless Steel

Enviromental

Operating Temperature	-55°C to +85°C
Water Immersion	15m
Corrosion Resistance	500 Hours Salt Spray

Drawings

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Field Splice Kits

Kit FSK-01

Complete kit including two splice enclosures, tools, consumables and heavy duty carry case:

- | | |
|--|--------|
| • Field splice enclosure | 2 |
| • Bend relief boot | 4 |
| • Strain-relief bush 5.0mm | 4 |
| • Strain-relief bush 5.5mm | 4 |
| • Crimp ring | 4 |
| • Grub screw | 16 |
| • Corning CamSplice™ mechanical splice | 6 |
| • Corning FBC006 fiber cleave tool | 1 |
| • Crimp tool & die set | 1 |
| • IPA dispenser & cleaner | 1 |
| • Miller fiber strippers | 1 |
| • Steel rule | 1 |
| • Shell spanner | 2 |
| • Side cutters | 1 |
| • Snap-off knife | 1 |
| • Marker pen | 1 |
| • Cable strip template | 1 |
| • Lint-free wipes | 1 pack |
| • Fiber sharps bin | 1 |
| • Syringes / tips | 10 |
| • Loctite 480 Cyanoacrylate Adhesive | 1 pack |
| • Cyanoacrylate debonder | 1 pack |
| • Seal lubricant | 1 |
| • Heavy duty fitted carry case | 1 |



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Kit FSK-02

Kit including one splice enclosure and all components and consumables:

- | | |
|--|--------|
| • Field splice enclosure | 1 |
| • Bend relief boot | 2 |
| • Strain-relief bush 5.0mm | 2 |
| • Strain-relief bush 5.5mm | 2 |
| • Crimp ring | 2 |
| • Grub screw | 8 |
| • Corning CamSplice™ mechanical splice | 6 |
| • Loctite 480 Cyanoacrylate Adhesive | 1 pack |
| • Seal lubricant | 1 pack |



Kit FSK-03

Kit including all components and consumables to allow the re-use of a field splice enclosure:

- | | |
|--|--------|
| • Bend relief boot | 2 |
| • Strain-relief bush 5.0mm | 2 |
| • Strain-relief bush 5.5mm | 2 |
| • Crimp ring | 2 |
| • Grub screw | 8 |
| • Corning CamSplice™ mechanical splice | 6 |
| • Loctite 480 Cyanoacrylate Adhesive | 1 pack |
| • Seal lubricant | 1 pack |

More information

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