



# Universal Field Splice

## Fast in-field repairs for fiber optic cable

### The Cinch 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 Fibriok™ mechanical splices. The enclosure is also suitable for use with many modern fusion splicers.



The Universal Field Splice is available as standard in Aluminum (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



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## Universal Field Splice - Outline Specification

Operating Temperature	-55°C to +85°C
Water Immersion	15m
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
Corrosion Resistance	500 Hours Salt Spray
Cable Retention	1500N (Cable Dependant)
Weight (approx)	Aluminum Shell: 150g
Shell Material / Color	Black anodised Aluminum or Stainless Steel

### Field Splice Kit FSK-01

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

Contents	Quantity
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	1 pack
Adhesive	1 pack
Cyanoacrylate debonder	1 pack
Seal lubricant	1
Heavy duty fitted carry case	

### Field Splice Kit FSK-02

Kit including one splice enclosure and all components and consumables

Contents	Quantity
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	1 pack
Adhesive	
Seal lubricant	1 pack



### Field Splice Kit FSK-03

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

Contents	Quantity
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	1 pack
Adhesive	
Seal lubricant	1 pack

