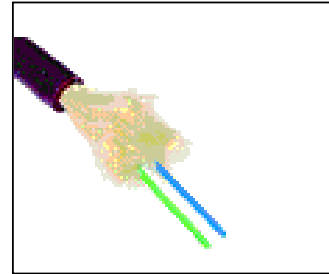


# Amphenol

## Harsh Environment Field Splice

**PRELIMINARY**



The Field Splice is designed to strengthen Amphenol's strategy in providing 'Total System Support' to the end customer. The Field Splice facilitates the repair or installation of all fibre optic cables and assemblies. The Impact Technology incorporates a sprung loaded 2.5mm optical termini and alignment sleeve. The termini are impacted directly onto the fibre after the jacket and secondary coat have been removed. This method reaches excellent levels of optical performance, thermal stability and durability without the use of heat curing epoxies.

- Available for Simplex, Duplex or Quad cable constructions
- Suitable for 4.5 and 5.5mm Amphenol tactical cable
- Eliminates the use of epoxies and various termination consumables
- No external power or heat required
- The termini is mechanically formed onto the optical fibre
- Returns cable to >80% tensile strength
- Tool kits for workshop & on-site maintenance

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**Performance**

Optical	
Insertion Loss	Sub 1dB: typically 0.5dB using 62.5/125
Fibre Types	50/125      62.5/125
Termination Method	Impact Mount and Polish

Environmental	
Temperature Range	Totally Cable dependent
	-55°C to +85° C
Tensile Strength	80% of cable specification

Mechanical	
Materials	Shell: Aluminium – Hard Anodised Black Stainless Steel Brass

Field Splice Full Repair Kit	927 - 100 - 4500
Field Splice Crimp & Hand Impact Tools	927 - 100 - 5314

**Part Number Information**

Amphenol Field Splice

**AFS** - **X** - **XX** - **XXX**

**Configuration**

- Simplex - 1
- Duplex - 2
- Quad - 4
- Hybrid - H

**Finish**

- Hard Anodised Black - ZA
- Stainless Steel - SS
- Brass - BS

**Cable Variant**

- 014 5.5mm Ø/D Duplex
- 024 4.5mm Ø/D Simplex
- (Other options available on request)

For further information on cables, connectors and assemblies, please consult your local office. Product specifications and performance characteristics are typical only and subject to change.

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