

## Mechanical Splices



### AFL SpliceConnect™

#### Mechanical Splice

AFL Telecommunications' SpliceConnect is a mechanical splice that provides an inexpensive, quick alternative to mating fibers. Using V-groove technology, this splice maintains physical contact between the fibers. An assembly tool is used to ensure the fibers are mated correctly, resulting in <0.1dB insertion loss (typical for single-mode). The SpliceConnect secures both fiber and coating independently with the U-shaped sleeve, enhancing the strength against fiber twist.

#### Features & Benefits

- Quick splicing time
- Minimal tools
- 250 $\mu$ m and/or 900 $\mu$ m fiber capabilities
- Both fiber and coating are secured independently

#### Ordering Information

Part Number	Description
CS004154	SpliceConnect Universal Mechanical Splice (Bag of 6)
CS004162	SpliceConnect Universal Mechanical Splice Tool Kit. Includes one of each below in a carrying case
CS004155	SpliceConnect Universal Mechanical Splicing Tool
CS004156	SpliceConnect 250um Fiber Holder. 2/set
CS004157	SpliceConnect 900um Fiber Holder. 2/set

### Siemon ULTRASplice™

#### Mechanical Splice

The ULTRASplice is a high performance, low cost, easy to install, fully mechanical fiber optic splice. A glass capillary alignment member loaded with index matching gel allows for inspection of fiber location during installation. The ULTRASplice is tunable and reusable for emergency or permanent installation.

#### Features & Benefits

- Tunable and reusable
- No fixtures or special tools required
- Uncovered glass capillary allows visual inspection for proper fiber location
- One ULTRASplice accepts any combination of buffer sizes from 250 to 900microns

#### Ordering Information

Part Number	Description
US-126	Single Mode ULTRASplice, Mechanical Splice for 125um Fiber
US-128	Multimode ULTRASplice, Mechanical Splice for 125um Fiber
US-MOD	ULTRASplice Work Holder
HLDR6	ULTRASplice Rubber Splice Holder - 6 Position
HLDR12	ULTRASplice Rubber Splice Holder - 12 Position