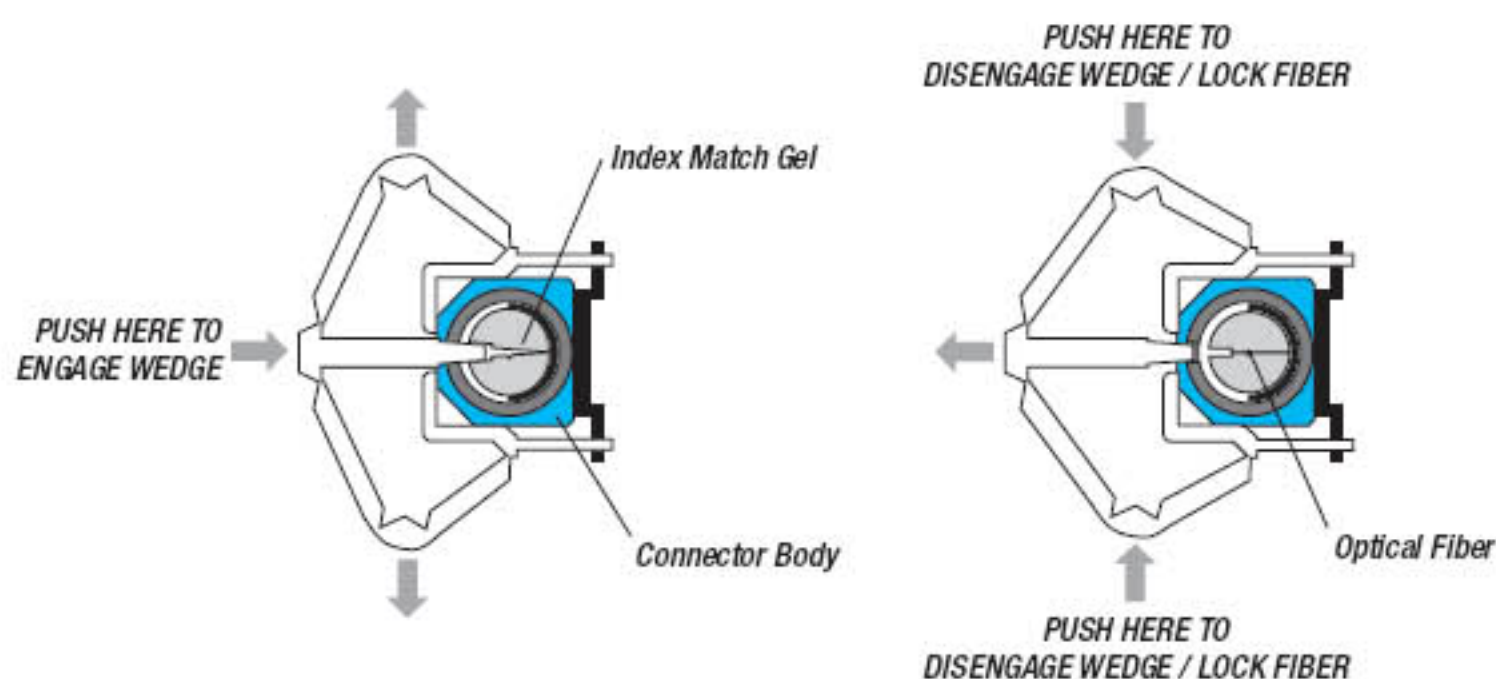# FAST-SC & FAST-ST Connectors

AFL's new FAST Connectors are pre-polished, field installable connectors that eliminate the need for hand polishing in the field. FAST Connectors provide an immediate termination to either single-mode or multimode fibers.

FAST Connectors feature a pre-stubbed factory-polished ferrule that couples to the fiber being terminated by precision mechanical alignment and insures low loss with a proprietary gel. Each FAST Connector comes with a factory-installed wedge clip that holds the clamping device open while the fiber is inserted. Once the fiber is in place, the wedge clip is removed and discarded.

Features

- Easy assembly process
- Fiber can be reseated
- No expensive tools required
- No epoxy required
- Factory polishing eliminates loss concerns
- Meets TIA/EIA 568A performance requirements

Applications

- Premise environments
- Connections at the desk for LAN environments
- Patch panels
- Direct equipment termination
- Fiber to the Subscriber (FTTx) applications
- Repair/replacement requirements

Operation

Specifications

PARAMETER		VALUE
Insertion Loss:	Single-mode	Average: 0.2 dB, Maximum: 0.5 dB
	50/125	Average: 0.1 dB, Maximum: 0.5 dB
	62.5/125	Average: 0.1 dB, Maximum: 0.5 dB
Return Loss (Single-mode)		Average: 56.4 dB, Maximum: 45 dB
Operating Temperature		−40°C to +75°C

Ordering Information

FAST-SC CONNECTOR PART NUMBER	FIBER TYPE	HOUSING COLOR	CABLE SIZE
CS000825	Multimode 50/125	Black	250 or 900 um
CS000826	Multimode 62.5/125	Beige	250 or 900 um
CS000827	Single-mode	Blue	250 or 900 um

FAST-ST CONNECOR PART NUMBER	FIBER TYPE	HOUSING COLOR	CABLE SIZE
CS000828	Multimode 50/125	Black	250 or 900 um
CS000829	Multimode 62.5/125	Beige	250 or 900 um
CS000830	Single-mode	Blue	250 or 900 um