



FAST® 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 and are color-coded for ease of fiber identification. Connectors for Laser Optimized 50µm (10G) fibers are also available.

FAST® Connectors feature a pre-stubbed factory-polished ferrule that couples to the fiber being terminated. Precision mechanical alignment insures low loss with a proprietary gel. A factory-installed wedge clip (included with each connector) holds the clamping mechanism open while the fiber is inserted. Once the fiber is in place, the wedge clip is removed and discarded. No special assembly tools required!

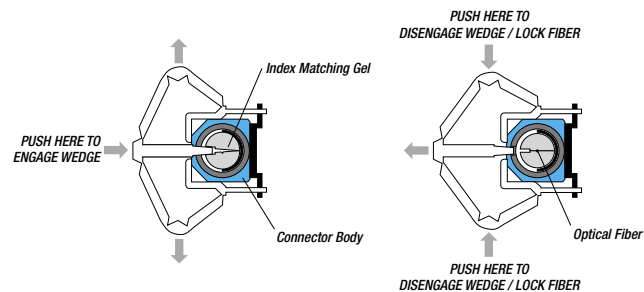
Features

- Easy assembly process
- Fiber can be resealed
- No expensive tools required
- No epoxy required
- Factory polishing eliminates loss concerns
- Meets TIA/EIA 568A performance requirements
- Meets TIA/EIA 604 (focis) connector interface specifications

Applications

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

Operation



Specifications

PARAMETER	VALUE								
Insertion Loss:	<table border="0"> <tr> <td>Single-mode</td> <td>Average: 0.2dB, Maximum: 0.5 dB</td> </tr> <tr> <td>62.5/125</td> <td>Average: 0.1dB, Maximum: 0.5 dB</td> </tr> <tr> <td>50/125</td> <td>Average: 0.1dB, Maximum: 0.5 dB</td> </tr> <tr> <td>50/125 LO</td> <td>Average: 0.1dB, Maximum: 0.5 dB</td> </tr> </table>	Single-mode	Average: 0.2dB, Maximum: 0.5 dB	62.5/125	Average: 0.1dB, Maximum: 0.5 dB	50/125	Average: 0.1dB, Maximum: 0.5 dB	50/125 LO	Average: 0.1dB, Maximum: 0.5 dB
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50/125	Average: 0.1dB, Maximum: 0.5 dB								
50/125 LO	Average: 0.1dB, 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 900µm
CS000826	Multimode 62.5/125	Beige	250 or 900µm
CS000827	Single-mode	Blue	250 or 900µm
CS001267	LO Multimode 50/125	Aqua	250 or 900µm

FAST® ST CONNECTOR PART NUMBER	FIBER TYPE	HOUSING COLOR	CABLE SIZE
CS000828	Multimode 50/125	Black	250 or 900µm
CS000829	Multimode 62.5/125	Beige	250 or 900µm
CS000830	Single-mode	Blue	250 or 900µm
CS002478	LO Multimode 50/125	Aqua	250 or 900µm

FAST® LC CONNECTOR PART NUMBER	FIBER TYPE	HOUSING COLOR	CABLE SIZE
CS002438	Multimode 50/125	Black	250 or 900µm
CS002439	Multimode 62.5/125	Beige	250 or 900µm
CS002440	Single-mode	Blue	250 or 900µm
CS002460	LO Multimode 50/125	Aqua	250 or 900µm