



FAST™ Connectors

FAST Connectors are factory pre-polished, field installable connectors that completely eliminate the need for hand polishing in the field. Proven mechanical splice technology ensuring precision fiber alignment, a factory pre-cleaved fiber stub and a proprietary index-matching gel combine to offer an immediate low loss termination to either single-mode or multimode optical fibers. FAST Connectors are compatible with 250µm and 900µm optical fibers, as well as 900µm, 2mm, and 3mm cordage. All primary fiber types are supported, and each connector is color coded per industry standard requirements to aide in identification during and after installation. A factory-installed wedge clip (included with each connector) is removed and discarded upon completion of the termination. Incorporated into this device is an innovative, translucent wedge enabling the use of a common VFI to provide a “pass/fail” signal once physical contact is achieved.

Features

- Pre-stubbed, factory-polished ferrule
- No epoxy required
- Precision mechanical alignment insures low loss
- Fiber can be resealed
- 3.0mm, 2.0mm, and 900µm boot provided with each connector
- VFI can be used to confirm fiber is installed properly
- Meets TIA/EIA 568A performance requirements
- Meets TIA/EIA 604 (FOCUS) connector interface 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
- Equipment test leads

Testing



Specifications

PARAMETER		VALUE
Insertion Loss:	Single-mode	Average: 0.2dB, Maximum: 0.5 dB
	Multimode	Average: 0.1dB, Maximum: 0.5 dB
Return Loss @ Room Temperature (Single-mode)		Average: 56.4 dB, Maximum: 45 dB
Operating Temperature		-40°C to +75°C

Ordering Information

PART NUMBER	FIBER TYPE	HOUSING COLOR	CABLE SIZE
FAST™ SC Connector (packaged 12 per bag)			
CS007611-12	Multimode 50/125	Black	3.0mm, 2.0mm, 900µm, 250µm
CS007610-12	Multimode 62.5/125	Beige	3.0mm, 2.0mm, 900µm, 250µm
CS007609-12	Single-mode	Blue	3.0mm, 2.0mm, 900µm, 250µm
CS007612-12	Multimode 50/125 OM3 (10 gig)	Aqua	3.0mm, 2.0mm, 900µm, 250µm
FAST™ ST Connector (packaged 12 per bag)			
CS000828-12	Multimode 50/125	Black	900µm, 250µm
CS000829-12	Multimode 62.5/125	Beige	900µm, 250µm
CS000830-12	Single-mode	Blue	900µm, 250µm
CS002478-12	Multimode 50/125 OM3 (10 gig)	Aqua	900µm, 250µm
FAST™ LC Connector (packaged 12 per bag)			
CS007615-12	Multimode 50/125	Black	3.0mm, 2.0mm, 900µm, 250µm
CS007614-12	Multimode 62.5/125	Beige	3.0mm, 2.0mm, 900µm, 250µm
CS007613-12	Single-mode	Blue	3.0mm, 2.0mm, 900µm, 250µm
CS007616 -12	Multimode 50/125 OM3 (10 gig)	Aqua	3.0mm, 2.0mm, 900µm, 250µm

PART NUMBER	DESCRIPTION
VISUAL FAULT IDENTIFIERS	
VFI2-00-0900	AFL Noyes VFI 2
VFI3-00-0900	AFL Noyes HiLite
2900-50-0010MR	1.25mm Universal Adapter

U.S. Patents: 5,963,699 / 5,984,532 / 7,258,496