

FASTConnect® Mechanical Connectors

FASTConnect® field-installable connectors are factory pre-polished 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.

FASTConnect® connectors are compatible with 250 µm and 900 µm optical fibers, as well as 900 µm, 2 mm and 3 mm 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 ensures low loss
- Fiber can be reseated
- 900µm boot provided with each connector with separate boot kits available for 2.0 and 3.0mm diameter style cables
- VFI can be used to confirm fiber is installed properly

Applications

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

Specifications

Parameter	Value
Fiber Type	Singlemode and Multimode
Insertion Loss (Max)	SM APC 0.6dB, SM UPC 0.5dB, MM 0.5dB
Insertion Loss (Typical)	SM APC 0.3dB, SM UPC 0.2dB, MM 0.1dB
Return Loss (Typical)	SM APC $\leq$ -55dB, UPC $\leq$ -50dB, MM $\leq$ -25dB
Polishing Type	PC, UPC and APC
Operating Temperature	-40°C to +75°C

Ordering Information

Part Number	Description
FAST-SC-MM50L-6	FASTConnect, SC, MM 50/125 µm, 900µm Strain Relief, OM3/OM4 compatible, Aqua, Pack of 6
FAST-LC-MM50L-6	FASTConnect, LC, MM 50/125 µm, 900µm Strain Relief, OM3/OM4 compatible, Aqua, Pack of 6
FAST-ST-MM50L-6	FASTConnect, ST, MM 50/125 µm, 900µm Strain Relief, OM3/OM4 compatible, Aqua, Pack of 6
FAST-SC-SM-6	FASTConnect, SC, SM, 900µm Strain Relief, UPC, Blue, Pack of 6
FAST-SC-SMAU-6	FASTConnect, SC, SM, 900µm Strain Relief, APC, Green, Pack of 6
FAST-LC-SM-6	FASTConnect, LC, SM, 900µm Strain Relief, UPC, Blue, Pack of 6
FAST-LC-SMAU-6	FASTConnect, LC, SM, 900µm Strain Relief, APC, Green, Pack of 6
FAST-ST-SM-6	FASTConnect, ST, SM, 900µm Strain Relief, UPC, Blue, Pack of 6
FAST-SC-MM50L-100	FASTConnect, SC, MM 50/125 µm, 900µm Strain Relief, OM3/OM4 compatible, Aqua, Pack of 100
FAST-LC-MM50L-100	FASTConnect, LC, MM 50/125 µm, 900µm Strain Relief, OM3/OM4 compatible, Aqua, Pack of 100
FAST-ST-MM50L-100	FASTConnect, ST, MM 50/125 µm, 900µm Strain Relief, OM3/OM4 compatible, Aqua, Pack of 100
FAST-SC-SM-100	FASTConnect, SC, SM, 900µm Strain Relief, UPC, Blue, Pack of 100
FAST-SC-SMAU-100	FASTConnect, SC, SM, 900µm Strain Relief, APC, Green, Pack of 100
FAST-LC-SM-100	FASTConnect, LC, SM, 900µm Strain Relief, UPC, Blue, Pack of 100
FAST-LC-SMAU-100	FASTConnect, LC, SM, 900µm Strain Relief, APC, Green, Pack of 100
FAST-ST-SM-100	FASTConnect, ST, SM, 900µm Strain Relief, UPC, Blue, Pack of 100
FAST-BOOT-2MM-6	FASTConnect, SC/LC/ST Boot Kit 2mm, Black, Pack of 6
FAST-BOOT-2MM-100	FASTConnect, SC/LC/ST Boot Kit 2mm, Black, Pack of 100
FAST-BOOT-3MM-6	FASTConnect, SC/LC/ST Boot Kit 3mm, Black, Pack of 6
FAST-BOOT-3MM-100	FASTConnect, SC/LC/ST Boot Kit 3mm, Black, Pack of 100
CS010437-6	FASTConnect, LC Duplex Clip, Transparent, Pack of 6
CS010437-100	FASTConnect, LC Duplex Clip, Transparent, Pack of 100
CS001201	FASTConnect, High Precision Tool Kit with CT50 Cleaver
CS010975	FASTConnect, High Precision Tool Kit with CT16 Cleaver