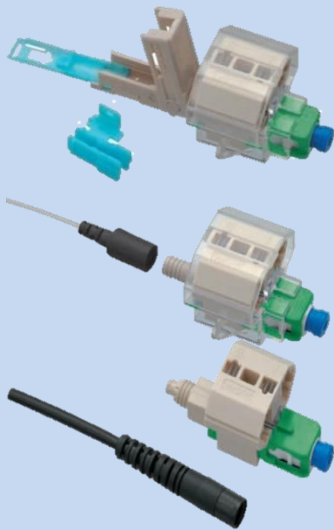


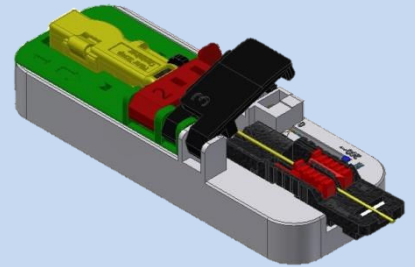
# Return loss meets IEC standard Grade 1 (60dB)

## Typically 65dB

Hybrid FAST Connector



Angle end-face  
Maintenance Free  
Cleaver (AMFC)



### Features

- Angle cleaved end face
- Meets IEC return loss standard 60dB  
Typically 65dB
- Extremely reliable
- Maintenance free

**AMFC is the Solution!**

FAST PLUS connector comes with a **FREE Cleaver!**

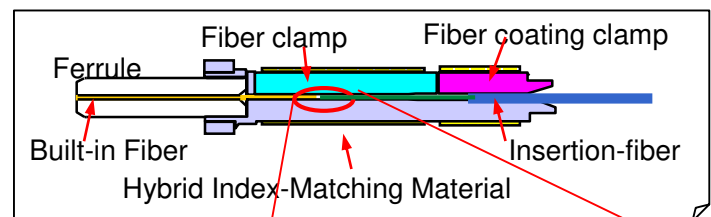
- No additional fiber cleaver for connector installation is needed
- 1 complementary cleaver comes with every 100 Connectors
- Minimum 100 times of cleaves guaranteed
- Conventional cleaver produces unstable end face without maintenance, but AMFC produces reliable cleaves within the guaranteed number of minimum cleaves.

FAST-PLUS connector employs angle fibre end face matching technology

Hybrid type of index-matching material provides excellent mating environment for Built-in (Pre-polished) fiber and the Inserted fiber that ensures;

- High reliability
- Long term performance

Tolerates larger than usual gap/  
uneven fiber end-face that may occur  
from opposing end face angles .



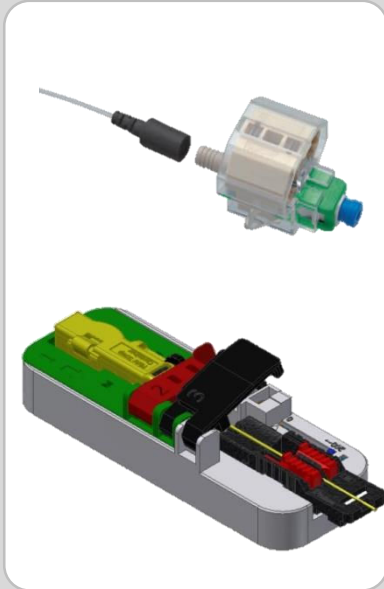
Index matching gummy



Parallel angle end face



opposing angle end face



## FAST-PLUS-APC

FAST™ field-installable connectors are factory pre-polished connectors that completely eliminate the need for hand polishing in the field. Proven mechanical splice technology ensuring precise fiber alignment, a factory pre-cleaved fiber stub and a proprietary index-matching materials 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 various cordage types. All primary fiber types are supported, and each connector is color coded per industry-standard requirements to aid in identification during and after installation. A factory-installed wedge clip (included with each connector) is removed and discarded upon completion of the termination.

### Features

- Angle cleaved end face
- Meets IEC return loss standard 60dB,
- Typically 65dB
- Extremely reliable
- Maintenance free

### Benefits

- Typical 65dB return loss
- Affordable price

## Specification

PARAMETER		Value
Insertion loss	UPC APC	Average: 0.2 dB, Maximum: 0.5 dB Average: 0.3 dB, Maximum: 0.6 dB
Return loss	UPC APC	Typical: -50dB, Minimum: -45 dB Average: -65 dB, Minimum: -60 dB
Operation temperature	-	-40° C to +75° C
Cable retention	0.9mm buffered fibres Cable with Aramid yarn	7.0N 70N

FAST-PLUS series are evaluated with performance in conformity with the latest version of IEC 61753-1 edition 2.0 (issued on Aug, 2018) category OP+.