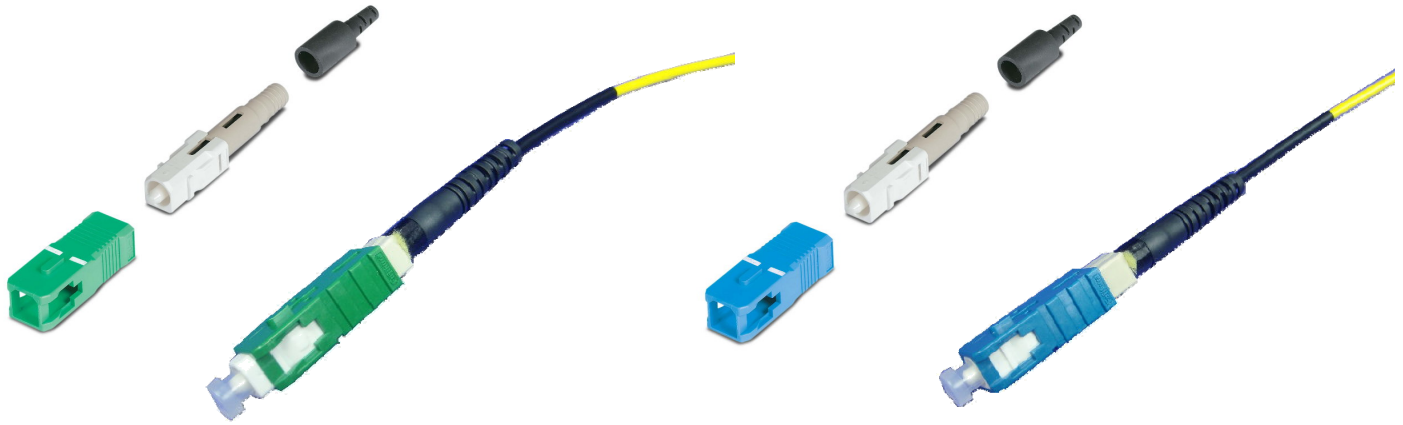


FAST - Field Installable Connectors

Prysmian Part Numbers: See below



FAST Field Installable Connectors provide a quick, simple and clean solution for field terminating SC connectors. The connectors provide a dual terminating solution for 0.25mm and 0.9mm diameter fibres. This two for one solution is achieved through a 'stepped' clamping method to the outer-coating of the fibre. With a connectorisation time of less than 30 seconds, including preparation, this field installable connector makes other connector termination methods appear cumbersome, time consuming and expensive. The FAST connectors require no specialised tooling except standard fibre preparation tools. The product has also been factory-polished, eliminating the need for any polishing materials, thereby enabling the preparation and termination of optical fibres in a fraction of the time of other conventional methods.

Features and Benefits

- Quick, simple and clean solution for terminating SC connectors.
- Can be installed in less than 30 seconds, including preparation time.
- Available in SC/PC, LC/PC and SC/APC configurations.
- Dual terminating solution for 0.25mm and 0.9mm fibre diameters.
- No specialised tooling required. Connectors can be installed using standard fibre preparation tools.
- Factory polished eliminating the need for extra materials and reducing installation time.
- Supplied with a disposable wedge, already assembled to the main connector housing.
- Stable optical performance is achieved through its use of V-groove mechanical splice technology.
- The SC/PC and LC/PC connectors have an insertion loss of ≤ 0.4 dB, with a return loss of ≥ 40 dB for singlemode, and an insertion loss of ≤ 0.2 dB for multimode.
- The SC/APC connector has an insertion loss of ≤ 0.4 dB, with a return loss of ≥ 65 dB for singlemode, and an insertion loss of ≤ 0.2 dB for multimode.

Applications

- FTTx
- Telecommunications
- Data communication
- CATV
- Test and measurement

Part Numbers

- **XKTSC00152** – SC/PC Singlemode
- **XKTSC00153** – SC/PC 50um Multimode
- **XKTSC00237** – SC/PC 62.5um Multimode
- **XKTSC00238** – SC/PC OM3 Multimode
- **XKTSC00311** – SC/APC Singlemode
- **XKTSC00239** – LC/PC Singlemode
- **XKTSC00240** – LC/PC 50um Multimode
- **XKTSC00241** – LC/PC 62.5um Multimode
- **XKTSC00242** – LC/PC OM3 Multimode

Technical Data

SC/PC Connector

Singlemode

- Maximum Insertion Loss (dB): ≤ 0.4
- Minimum Return Loss (dB): ≥ 40
- Ferrule: Factory Polished

Multimode

- Maximum Insertion Loss (dB): ≤ 0.2
- Minimum Return Loss (dB): N/A
- Ferrule : Factory Polished

SC/APC Connector

Singlemode

- Maximum Insertion Loss (dB): ≤ 0.4
- Minimum Return Loss (dB): ≥ 65
- Ferrule: Factory Polished

LC/PC Connector

Singlemode

- Maximum Insertion Loss (dB): ≤ 0.4
- Minimum Return Loss (dB): ≥ 40
- Ferrule: Factory Polished

Multimode

- Maximum Insertion Loss (dB): ≤ 0.2
- Minimum Return Loss (dB): N/A
- Ferrule: Factory Polished

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