



## 1、 Description

Fast 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.

## 2、 Features

- Low insertion loss, high return loss
- Embedded structure
- New unique design, installation without the need to inject glue, no grinding,
- Easy to operation and quick construction
- can provide quick and easy termination of fibers in the field
- high installation quality, high success rate and high reliability
- No limitation of operation environment
- tools are simple and portable

## 3、 Specification

Item	Parameter
Connector Type	SC、 FC
Housing Color	Blue+Black, Green+Black, Metallic+Black
Insertion Loss	Typical $\leq$ 0.30dB

**XDK Communication Equipment (Huizhou) Co., Ltd.**

Return Loss	UPC≥ 45dB, APC≥ 55dB
Temperature Alteration Ratio	≤0.20dB
High temperature test:	80°/96H, IL≤0.20dB
Low temperature test	-40°/96H, IL≤0.20dB
Housing Color	Blue+Black, Green+Black, Metallic+Black
Housing Material	Plastic or metal
Boot(Optional)	3.0mm, 2.0mm, 0.9mm or 2.0 * 3.0mm
Operating Temperature	-40°C to +70°C
Storage Temperature	-40°C to +85°C

#### 4. Application

- Telecommunication
- FTTH Termination Connection
- LAN,WAN,Data and video transmission
- Installation and maintain of Fiber Optical Network