



## Fibre Optic Assemblies & Components

# Fibre Optic Field Installable Connectors



Fibre Optic Field Installable Connectors offer simple on-site terminations with no epoxy or polishing required.

Field installable connectors are available in SC, LC and ST, and have the same specifications as standard terminations. FICs are supplied with a jig tool to assist with fibre alignment.

### Applications

- No epoxy or polishing required
- 3 pre-assembled parts
- Suitable for FTTH applications
- Available in LC, SC, and ST

### Technical Specifications

Ferrule Polishing Type	PC, APC
Fibre Type	Singlemode 9/125, Multimode 50/125 & 62.5/125
Cable Type	SC: 250um, 900um, 3.0mm, 2.0*3.0mm LC: 250um, 900um, 2.0mm ST: 250um, 900um
Insertion Loss (dB)	Max. 0.5, Typical 0.3
Return Loss (dB)	PC: Max. 55, Typical 50 APC: Max. 60, Typical 55
Endurance (dB)	<0.3 (500 connections)
Tension	3.0kg <0.2dB change
Polish Radius (mm)	7~25 (PC), 5~12 (APC)
Max. Fibre Height (nm)	+~100
Typical Fibre Height (nm)	+~50 (PC), +~100 (APC)
Apex Offset (um)	<50 (PC), <100 (APC)

### Ordering Information

Use the formula below to create the part number.

Connector Type		Connector Body Types		Boot Size	
FC	FC	Field Installable	FIC	250um	2.5
ST (UPC Only)	ST			900um	9
SC	SC			2mm	2
APC	+A (i.e. SC/APC = SCA)			3mm	3
SC	SX	FIC	SM	9	BL
Simplex		Fibre Type		Colour	
Simplex	SX	Singlemode	SM	Blue (Singlemode)	BL
		Multimode	MM	Beige (Multimode)	BE
				Green (APC)	GR

Example: **SCSXFICSM9BL** – SC Simplex Singlemode Field Installable Connector with 900um Blue Boot