

## SC Field Installable Connector (FIC)



An SC type FIC is the most widely used fibre optic connector in FTTx which does not need epoxy or polishing. It enables fast and on-site installation of 250µm, 900µm, 3.0mm and 2.0mm x 3.0mm cable type connectors even when the user has no access to power. Two or three pieces of the pre-assembled and factory terminated connectors can be installed within 2 minutes using simple tools and can be recycled several times.

It facilitates a reliable and durable optical network especially suitable for advance fibre optic systems requiring exceptional stability and low loss. This FIC has been recognised as a world class product by the Ministry of Knowledge Economy.

### FEATURES:

- No epoxy or polishing required
- Only two (all-in-one type) or three pre-assembled parts
- Quick and easy fibre termination
- High success rate of connections

### SPECIFICATIONS

Standard	TIA / EIA 604-3 (SC)
Insertion Loss	Typ. 0.15dB / Max. 0.3dB
Return Loss	Typ. 50dB / Max. 55dB (PC) Typ. 55dB / Max. 60dB (APC)
Endurance	≤ 0.3dB, 500 times reconnection
Tension	≤ 0.2dB change, 3.0kg
Temperature Change	≤ 0.3dB change, 21 times / -40°C to +75°C

### APPLICATIONS:

- Fibre Optic Telecommunication
- Fibre Distribution Frame
- FTTH Outlets
- Optical Cable Interconnection
- Cable Television

### COMPATIBLE CABLES:

- Round Type, Flat Type, Figure 8 Type,
- Aerial Drop Cable, Air Blown Cable
- (250µm / 900µm / 2.0mm / 3.0mm / 2.0mm x 3.0mm)