

Introduction

Fiber Fast Connector is a perfect solution for field working and FTTH connection. It is widely used where needed for a quick connection, providing a quick assembly and stable performance. Fast filed connectors normally are SC, LC and FC fast connectors, providing a quick assembly and stable performance. When engineers work in the field for installation, maintenance, repair of optical fiber, or FTTH indoor termination, they can use it easily because it has no epoxy and no polishing. Fast filed connectors are available in singlemode or multimode and it is cost-effective solution for FTTH projects.



Application

Fiber Fast Connector Assembly has different splicing technics such as splice on fast connectors, drop cable splice fast connectors and FTTH Field Assembly Fast Connector, which used for splicing point inside the connector end, equivalently eliminate the pigtails when splicing. The advantage is no need additional protection after splice, such as splice tray, splice closure, distribution box. In contract to the design of mechanical splice connector, it saves V-groove mechanical connector maintenance and operation cost.

- Ideal for FTTH/FTTX Termination
- Optical communication networks
- PON passive networks
- In-House termination
- Fast repair of optical fiber

Operation Features

Fiber Fast Connector for terminating fiber optic cables is a perfect solution for field working and FTTH connection. It is widely used where needed for a quick connection, providing a quick assembly and stable performance with the following features

- Fiber Fast Connector with no epoxy or polishing required
- No matching gel enables low reflection and high reliability Splicing point is inside of the connector
- No additional splicing work required
- Easily assembled with one-touch, push-pull system
- Used for $\varnothing 3.0\text{mm}$, $\varnothing 2.0\text{mm}$ cable and $3 \times 2\text{mm}$ drop cable etc.
- The fusion splice position can be protected by the heat shrinkable tube inside, not easy broken

Mechanical Performance Test compliance:

- Adapter types: SC, SC/APC, LC and LC/APC other connectors are available
- Applicable for cable: 0.9mm, 2.0mm, 3.0mm indoor cable or Drop cable
- Fiber type: Singlemode G652D, 657A & 657B or Multimode
- Polishing Type: UPC or APC
- Insert loss: $\leq 0.3\text{dB}$
- Return loss: UPC $\geq 50\text{dB}$, APC $\geq 60\text{dB}$
- Tensile strength: $>60\text{ N}$
- Operation Temperature: -40 to $+60^\circ\text{C}$

Types Of Fiber Fast Connectors



FTTH Splice-on Fast Connector



FTTH Drop Cable Fast Connector



FTTH Field Assembly Fast Connector

Ordering Information

Product Code	Description
LN-LW-FAC-xxx-xx	Fiber Fast Field Assembly Connector
LN-LW-FSC-xxx-xx	Fiber Fast Splice on Connector
LN-LW-FDRC-xxx-xx	Fiber Fast Drop Cable Connector

*** Note:**

- xxx:** For the connector types such as "SC, SCA, LC, LCA, FC"
- xx:** For the connector type such as SM or MM

Notice: The data in this document are only reference and will be changed without any notice.
This specification is intended as a guide only.