

DATASHEET

Fast Install Fiber Optic Connector

Adapted with Cable: 0.9/2.0/3.0mm Simplex cable/2x3 FTTH Drop Cable

Locking Method Included: Shell Types and Spiral Types

Length:53mm



OMC INDUSTRY CO.LIMITED

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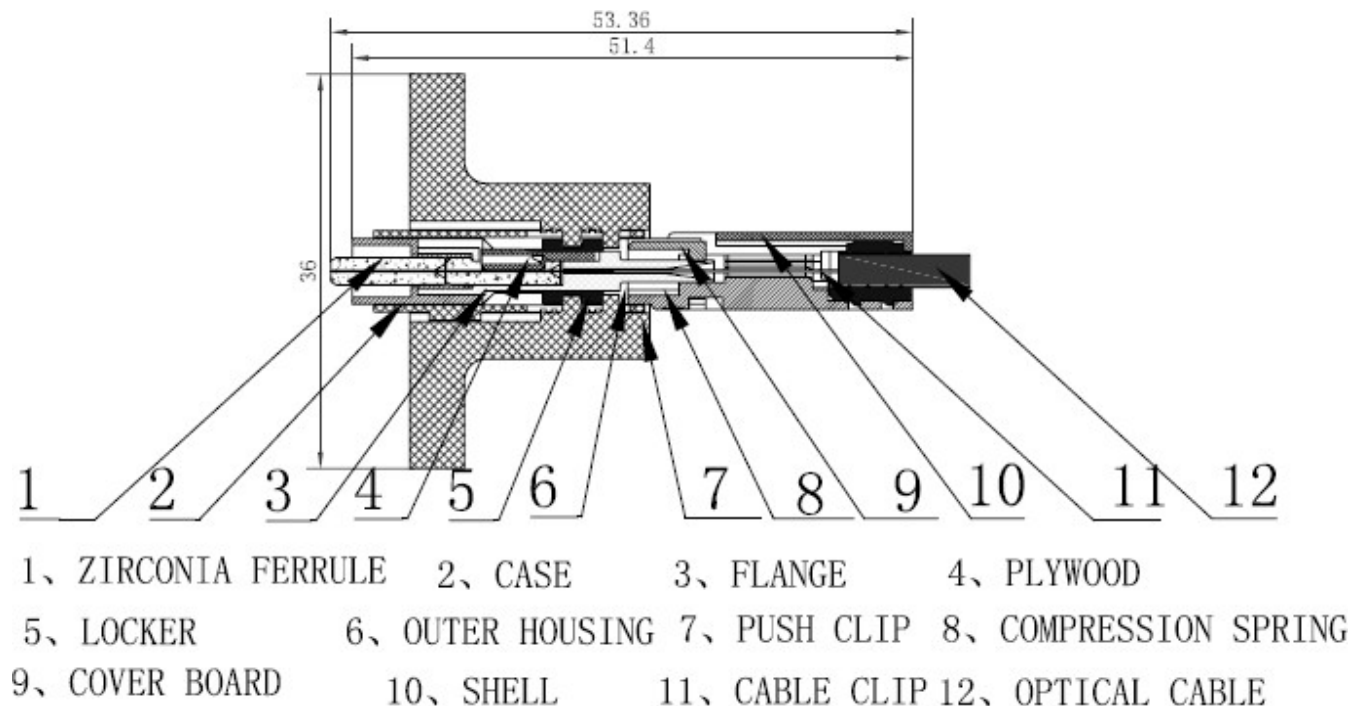
Fast installation connector also be called Field install connector is a new kind of connector that could be used in FTTH project scene. They don't need to polishing, no epoxy. They could be installed in the field and make connection less than two minutes. Of course, It don't need fused the fiber. Just some little tools enough, so it could save time and cost.

The Field Assembly Connector products have been factory-polished, eliminating the need for any polishing materials, thereby enabling the preparation and termination of optical fibers in a fraction of the time of other conventional methods. The connector also uses Plastic V-groove mechanical splice principals and therefore the use of an epoxy is not required for the termination of the connector. This Fast Connector offers convenience in assembling and strong stability. It allows simple optical core connection without any additional practices, or adhesives. It does not require a working space by connecting itself in the challenging environments such as a telephone pole and a manhole. It reconnects the cables and reduces the connection defect rate by an installer error in the field.

Assembly of the SC type quick connector requires only normal fiber preparation tools: a fiber stripping tool, wipes and a fiber cleaver. No electrical power supply is needed. Just Strip the buffer, cleave and clean the fiber and then insert the fiber into the Fast Connector. Installation takes just minutes and couldn't be easier.

The Field Assembly Connector series are already a popular solution for optical wiring inside buildings and floors for LAN & CCTV applications and with the expansion of FTTH, is already proving itself to be the connector of choice by incumbents, municipalities, utilities & alternative carriers. Our Field Assembly Optical Connector series are now available in SC, LC, or FC variants, catering for 250um to 900um, and 2.0mm, 3.0mm diameter single mode and multimode fiber types, including Multi-mode 62.5/125um and Multi-mode 50/125um. The single-mode versions are available with SPC or APC ferrules.

Products details:





Part No.: J-R-SSA-50

Part No.	J-R-SSA-50	Connector	SC APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	2.0/3.0mm Simplex cable 2x3 FTTH Drop Cable	Dimension	50mm
Insertion Loss	$\leq 0.3\text{dB}(\text{typical}); \leq 0.5\text{dB}(\text{Max})$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
Tension Strength	$\geq 50\text{N}$	Operating Temperature	$-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$

Feature:

- No epoxy and polishing required
- Quick and easy fiber termination
- Precision mechanical alignment insures low insertion loss
- Superior optical performance
- Streamlined component design, convenient operation
- Pre-installed, on-site assembly without end face grinding and consideration
- Uses proven, molded v-groove technologies

Package



100pcs in a box

Application in FTTH:

- Fiber optic communication system and telecommunication networks
- Fiber optic data transmission
- CATV
- Optical access network
- Fiber to the Subscriber (FTTH) applications
- Optical cable interconnection
- Maintenance or emergency restoration of fiber networks