

FIELD ASSEMBLY OPTICAL CONNECTOR

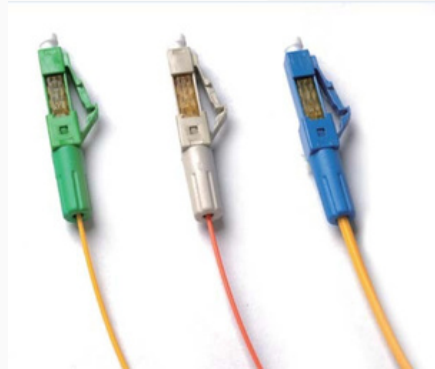
Remarks

LC Type

An LC type FAOC is a pre-polished and pre-assembled connector that holds a fiber in place and can be installed within 2 minutes. The LC type is a small design with great details and high technology. All the parts are made from Ultem material to withstand high temperature and external shocks. It is available in several configurations to fit many different applications for singlemode, multimode and APC applications. The APC connector is designed to provide superior return loss without sacrificing insertion loss. Yaax FAOC has been recognized as a "Korean World- class Product" by the Ministry of Knowledge Economy, Korea

1. Item

- Field Installable Connector Fast
- Installable Optical Connector
- Pre-polished Optical Connector
- Quick Assembly Connector



2. Application

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

3. Features

- Quick and easy fiber termination
- Available to re-use High success
- rate of connection Superior
- optical characteristic value
- Simple assembly process No
- failure after opening



4. Assembling Tools

- Cleaver Scissors
- Gauze with
- Alcohol
- Stripper

5.Connector type

- V-groove type
- Fiber type
 - ①SM : Standard Single Mode Fiber type
 - ②MM : Multi Mode 50/125 & 62.5/125 Micron fiber type (OM1, OM2, OM3, OM4)
- Ferrule Polishing type
 - ①PC type : Physical Contact type
 - ②APC type : Angled Physical Contact type
- Connector type for using cable type
 - ①2.0mm (Round) type : All-In-One [2pcs parts]
 - ②250μm&900μm (Round) type : All-In-One [2pcs parts]

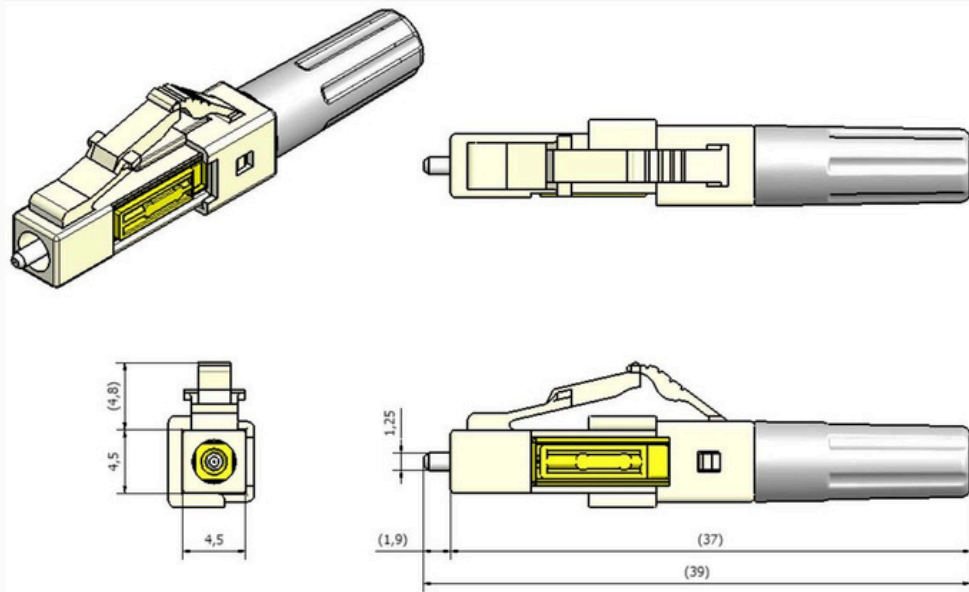
6.Product Specifications

Item	Specification
Standard	TIA / EIA 604-10 (LC)
Insertion Loss	Typ. 0.3dB / Max.0.5dB
Return Loss	Typ.50dB / Max. 55dB[PC], Typ.55dB / Max. 60dB [APC]
Endurance Tension	500times reconnection / ≤ 0.3dB
Temperature	≤ 0.2dB change, 3.0kg
Change	21 times / -40°C ~ +75°C / ≤ 0.3dB change

End Face Geometry [Based on GR-326]	PC type	APC type
Ferrule EndfaceRadius (mm)	7~25	5~12
Fiber Undercut (nm)	Less than 100	Less than 100
Fiber Protrusion (nm)	Less than 100	Less than 100
Apex Offset (um)	Less than 50	Less than 50

7. Configuration

- 2.0mm (Round) type



-250μm&900μm (Round) type

