

FIELD ASSEMBLY OPTICAL CONNECTOR

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.

COMPATIBLE CABLES

Round Type, Flat Type, Figure 8 Type, Aerial Drop Cable, Air Blown Cable (250µm / 900µm / 2.0mm / 2.0mm x 2.5mm)

CHARACTERISTICS

- No epoxy and polishing required
- Quick and easy fiber termination
- Superior optical performance
- High success rate of connections

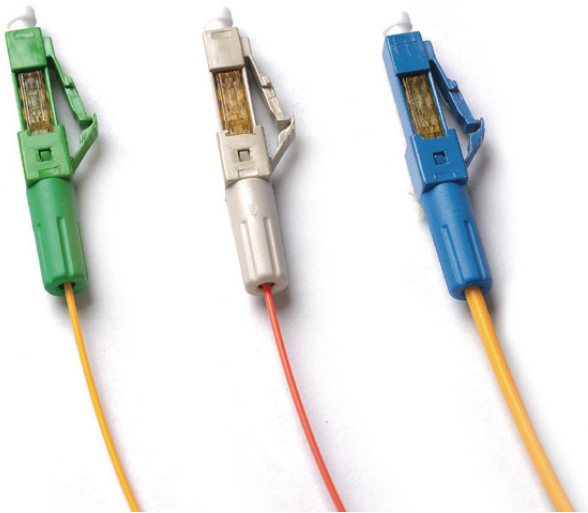
APPLICATIONS

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



SPECIFICATION

ITEM	PERFORMANCE
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	≤ 0.3dB, 500 times reconnection
Tension	≤ 0.2dB change, 3.0kg
Temperature Change	≤ 0.3dB change, 21 times / -40°C~ +75°C



Specifications may change without notice. Display Product Photos Shown are samples for viewing, not actual products. Colours and styles may vary.

www.americancableassemblies.com

011/012-Datasheet-F4M-Rev 2.0 - Changes without prior notice



FIELD ASSEMBLY OPTICAL CONNECTOR

SC Type

An SC type FAOC is the most widely used fiber optic connector in FTTx that 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 accommodates a reliable and durable optical network especially suitable for advanced fiber optic systems requiring exceptional stability and low loss.

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)

CHARACTERISTICS

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

APPLICATIONS

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



SPECIFICATION

ITEM	PERFORMANCE
Standard	TIA / EIA 604-3 (SC)
Insertion Loss	Typ. 0.3dB / Max. 0.5dB
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~ +75°C



FIELD ASSEMBLY OPTICAL CONNECTOR

ST Type

An ST type FAOC is the most widely used fiber optic connector in FTtx that does not need epoxy or polishing. The preassembly and factory terminated connectors can be installed within 2 minutes using simple tools and can be recycled several times. The ST 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.

COMPATIBLE CABLES

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

CHARACTERISTICS

- No epoxy and polishing required
- Only two pre-assembly parts
- Quick and easy fiber termination
- High success rate of connections

APPLICATIONS

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



SPECIFICATION

ITEM	PERFORMANCE
Standard	TIA / EIA 604-2 (ST)
Insertion Loss	Typ. 0.3dB / Max. 0.5dB
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~ +75°C



Specifications may change without notice. Display Product Photos Shown are samples for viewing, not actual products. Colours and styles may vary.

www.americancableassemblies.com

011/012-DataSheet-F4M-Rev 2.0 - Changes without prior notice

