

DATASHEET

Field Fast Installation Fiber Optic Connector

Terminated onto 0.9/2.0/3.0/1.6x2.0/2.0x3.0mm FTTH Drop Cable in FTTX Project.



OMC INDUSTRY CO.LIMITED

2018|En version1.0

Product introduction

Field Fast installation connector also be called **Field fast installation connector or FIC**. It is a new kind of connector that could be used in FTTH project scene.

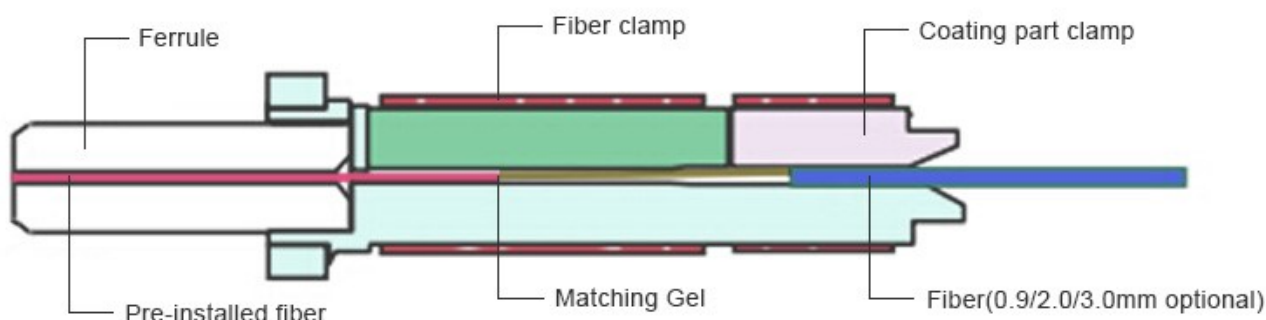
Our FIC products have been factory-polished, eliminating the need for any polishing materials, thereby enabling the preparation and termination of optical fibers in a fraction of the time of other conventional methods. The connector also uses V-groove mechanical splice principals and therefore the use 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.

The Fast 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.

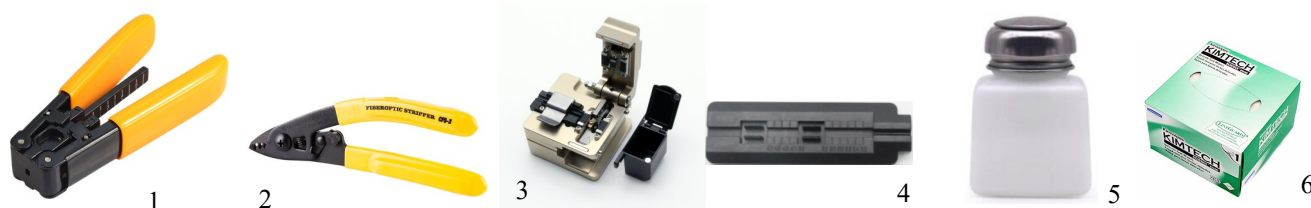
Our FIC series are now available in SC, LC, or FC variants, catering for 250um to 900um, and 2.0mm, 3.0mm diameter single mode and multimode fiber types, including Multi-mode 62.5/125um and Multi-mode 50/125um. The single-mode versions are available with UPC or APC ferrules.

Working principle



Installation introduction

Assembly of the connector requires only normal fiber preparation tools: a fiber stripping tool, wipes and a fiber cleaver. They don't need to polishing, no epoxy, No electrical power supply, no fused the fiber. 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.



Related Tools:

- 1, FTTH Drop cable stripper, To strip the Bow type 2x3mm Drop cable
- 2, 0.9mm/2.0mm/3.0mm Fiber Cable Stripper. To Strip those round cable and bare fiber of 2x3mm Drop cable
- 3, Fiber cleaver to cut the fiber of Cable&Fiber
- 4, Use the Length guard board cut the fiber in requested length,.
- 5, Alcohol, For Fiber Clean after cut
- 6, Cleanroom Wipes, for Fiber Clean after Alcohol Cleaned

Specifications



Part No.: J-A-SSU-50



Part No.: J-A-SSA-50

Connector Type	SC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	2.0/3.0mm Simplex cable 2x3 FTTH Drop Cable	Length	50mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
Tension Strength	$\geq 30\text{N}$	Operating Temp	$-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$

3D Interferometer (Only available if customer requested)

Type	Radius (mm)	Apex offset(μm)	Fiber (nm)
PC ($\Phi 2.5\text{ mm}$)	10 ~ 25	≤ 70	-100~+100
APC ($\Phi 2.5\text{ mm}$)	5 ~ 15	≤ 70	-100~+100

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

Application in FTTX:

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



Length guard board

Specifications



Part No.: J-B-SSU-53



Part No.: J-B-SSA-53

Connector Type	SC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	2.0/3.0mm Simplex cable 2x3 FTTH Drop Cable	Length	53mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
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0.9mm tube



Length guard board

Specifications



Part No.: J-C-SSU-55



Part No.: J-C-SSA-55

Connector Type	SC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	0.9/2.0/3.0mm Simplex cable 2x3 FTTH Drop Cable	Length	55mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
Tension Strength	$\geq 30\text{N}$	Operating Temp	$-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$

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Multi-function Length guard board

Specifications



Part No.: J-D-SSU-60



Part No.: J-D-SSA-60

Part No.: J-D-1SP-60 (OM1)



Part No.: J-D-2SP-60 (OM2)

Connector Type	SC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	0.9/2.0/3.0mm Simplex cable 2x3 FTTH Drop Cable	Length	60mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
Tension Strength	$\geq 30\text{N}$	Operating Temp	$-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$

3D Interferometer (Only available if customer requested)

Type	Radius (mm)	Apex offset(μm)	Fiber (nm)
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- Repair and replacement requirements
- Fiber optic equipment



Length guard board

Specifications



Part No.: J-E-SSU-51



Part No.: J-E-SSA-51

Connector Type	SC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	2.0/3.0mm FTTH Drop Cable	Length	51mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
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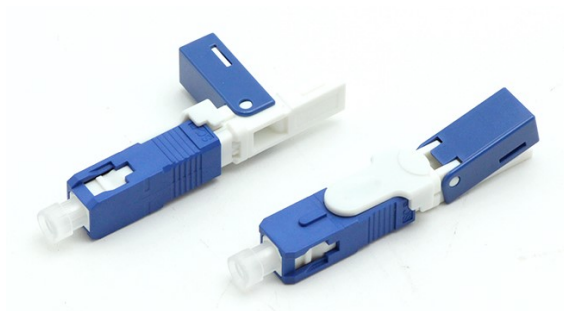
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Specifications



Part No.: J-F-SSU-51



Part No.: J-F-SSA-51

Connector Type	SC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	2x3mm FTTH Drop Cable 1.6x2.0mm FTTH Drop Cable	Length	51mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
Tension Strength	$\geq 30\text{N}$	Operating Temp	$-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$

3D Interferometer (Only available if customer requested)

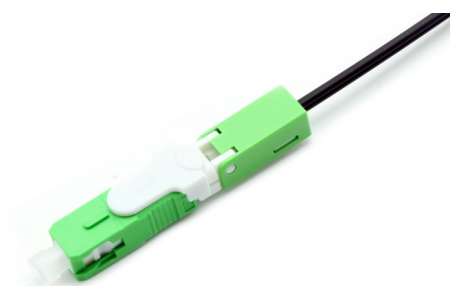
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Feature:

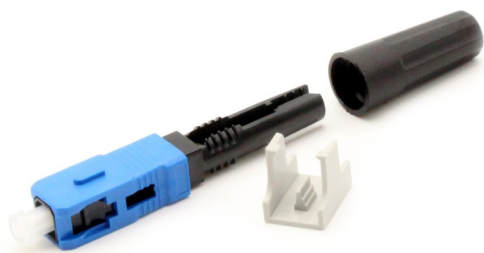
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- Repair and replacement requirements
- Fiber optic equipment



Specifications



Part No.: J-G-SSU-53



Part No.: J-G-SSA-53

Connector Type	SC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	2x3mm FTTH Drop Cable 3.0mm FTTH Drop Cable	Length	53mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
Tension Strength	$\geq 30\text{N}$	Operating Temp	$-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$

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- Fiber optic equipment

Specifications



Part No.: J-H-SSU-54



Part No.: J-H-SSA-54

Connector Type	SC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	2.0/3.0mm Simplex cable 2x3 FTTH Drop Cable	Length	54mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
Tension Strength	$\geq 30\text{N}$	Operating Temp	$-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$

3D Interferometer (Only available if customer requested)

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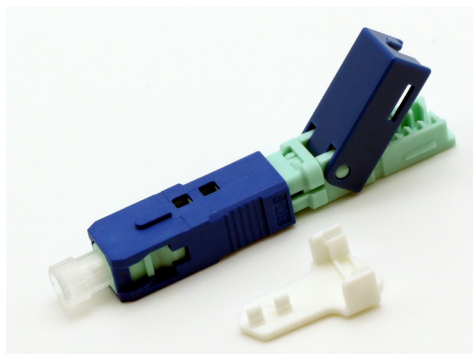
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Application in FTTX:

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- Repair and replacement requirements
- Fiber optic equipment

Specifications



Part No.: J-I-SSU-55



Part No.: J-I-SSA-55

Connector Type	SC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	2.0x3.0mm FTTH Drop Cable 1.6x2.0mm FTTH Drop Cable	Length	55mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
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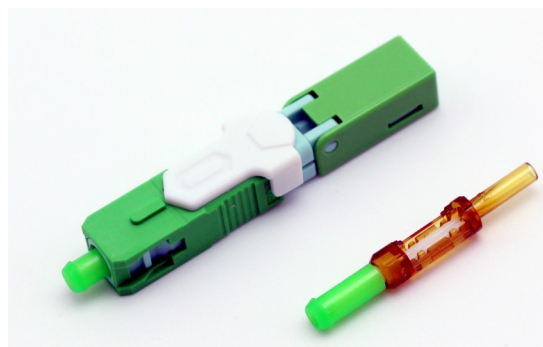


Multi-function Length guard board

Specifications



Part No.: J-J-SSU-55



Part No.: J-J-SSA-55

Connector Type	SC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Ceramic Material
Cable Diameters	2.0x3.0mm FTTH Drop Cable 1.6x2.0mm FTTH Drop Cable	Length	55mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
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Multi-function Length guard board

Specifications



Part No.: J-K-SSU-54



Part No.: J-K-SSA-54

Connector Type	SC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	2.0x3.0mm FTTH Drop Cable 1.6x2.0mm FTTH Drop Cable	Length	54mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
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Multi-function Length guard board

Specifications



Part No.: J-L-SSU-54



Part No.: J-L-SSA-54

Connector Type	SC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Ceramic Material
Cable Diameters	2.0x3.0mm FTTH Drop Cable 1.6x2.0mm FTTH Drop Cable	Length	54mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
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Multi-function Length guard board

Specifications



Part No.: J-O-SSU-53



Part No.: J-O-SSA-53

Connector Type	SC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Ceramic Material
Cable Diameters	2.0/3.0mm Simplex cable 2x3 FTTX Drop Cable	Length	53mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
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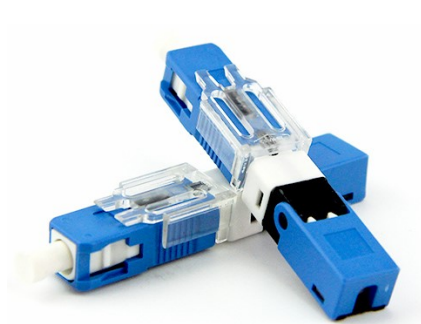


Length guider for Fiber cut

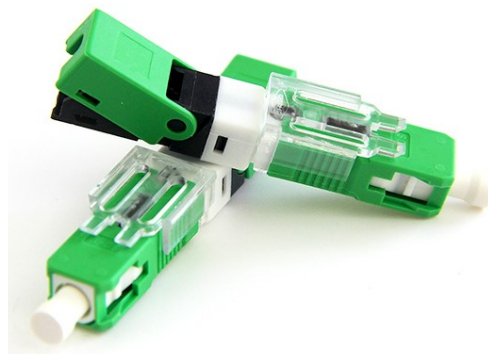


Single package

Specifications



Part No.: J-P-SSU-51



Part No.: J-P-SSA-51

Connector Type	SC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	2x3mm FTTH Drop Cable 1.6x2.0mm FTTH Drop Cable	Length	51mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
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Specifications



Part No.: J-R-SSA-50



Part No.: J-R-SSA-50

Connector Type	SC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	2.0mm/3.0mm/2x3 FTTH Drop Cable	Length	50mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
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- Uses proven, molded v-groove technologies

Application in FTTX:

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

Single package

Specifications



Part No.: J-U-SSA-45

Connector Type	SC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	2.0/3.0mm Simplex cable 2x3 FTTH Drop Cable	Length	45MM
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
Tension Strength	$\geq 30\text{N}$	Operating Temp	$-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$

3D Interferometer (Only available if customer requested)

Type	Radius (mm)	Apex offset(μm)	Fiber (nm)
PC ($\Phi 2.5\text{ mm}$)	10 ~ 25	≤ 70	-100~+100
APC ($\Phi 2.5\text{ mm}$)	5 ~ 15	≤ 70	-100~+100

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

Application in FTTH:

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

Specifications



Part No.: J-A-SFU-55



Part No.: J-A-SFA-55

Connector Type	FC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	0.9/2.0/3.0mm Simplex cable 2x3 FTTH Drop Cable	Length	55mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
Tension Strength	$\geq 30\text{N}$	Operating Temp	$-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$

3D Interferometer (Only available if customer requested)

Type	Radius (mm)	Apex offset(μm)	Fiber (nm)
PC ($\Phi 2.5\text{ mm}$)	10 ~ 25	≤ 70	-100~+100
APC ($\Phi 2.5\text{ mm}$)	5 ~ 15	≤ 70	-100~+100

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

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
- Repair and replacement requirements
- Fiber optic equipment



Length guard board

Specifications



Part No.: J-B-SFU-50

Part No.: J-B-SFA-50

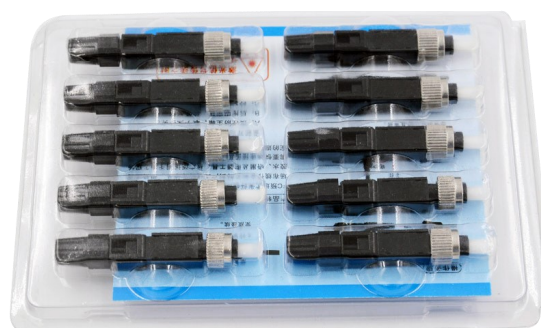
Connector Type	FC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	2.0/3.0mm Simplex cable 2x3 FTTH Drop Cable	Length	50mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
Tension Strength	$\geq 30\text{N}$	Operating Temp	$-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$

3D Interferometer (Only available if customer requested)

Type	Radius (mm)	Apex offset(μm)	Fiber (nm)
PC ($\Phi 2.5\text{ mm}$)	10 ~ 25	≤ 70	-100~+100
APC ($\Phi 2.5\text{ mm}$)	5 ~ 15	≤ 70	-100~+100

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



Application in FTTX:

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



Length guard board

Specifications



Part No.: J-A-SLA-1



Part No.: J-A-SLU-1

Connector Type	LC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	0.9/2.0/3.0/2.0x3.0 mm FTTH Drop Cable	Length	45mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
Tension Strength	$\geq 30\text{N}$	Operating Temp	$-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$

3D Interferometer (Only available if customer requested)

Type	Radius (mm)	Apex offset(μm)	Fiber (nm)
PC ($\Phi 2.5\text{ mm}$)	10 ~ 25	≤ 70	-100~+100
APC ($\Phi 2.5\text{ mm}$)	5 ~ 15	≤ 70	-100~+100

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

Application in FTTX:

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

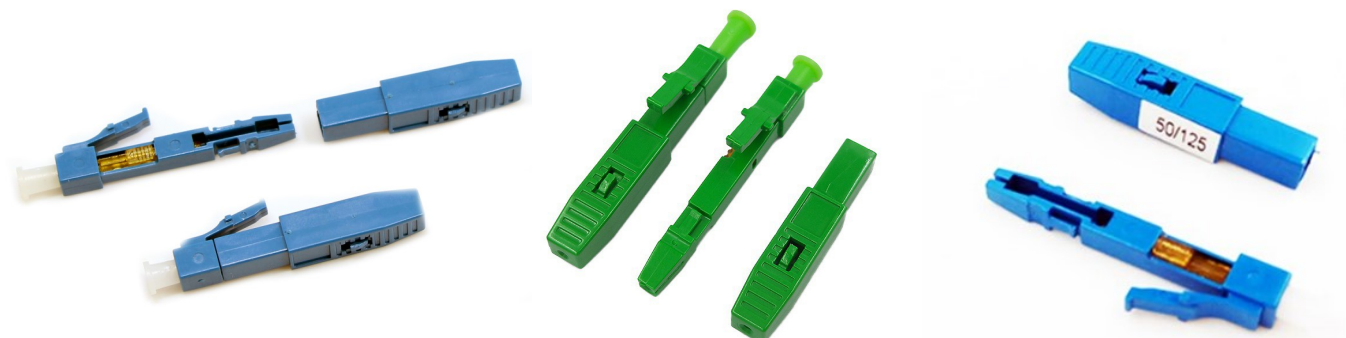


Length guard board



Part No.: J-A-MLP-1/2/3/4/5

Specifications



Part No.: J-B-SLU-1

Part No.: J-A-SLA-1

Part No.: J-B-MLU-1/2/3/4/5

Connector Type	LC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	0.9mm Simplex cable	Length	50mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
Tension Strength	$\geq 30\text{N}$	Operating Temp	$-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$

3D Interferometer (Only available if customer requested)

Type	Radius (mm)	Apex offset(μm)	Fiber (nm)
PC ($\Phi 2.5\text{ mm}$)	10 ~ 25	≤ 70	-100~+100
APC ($\Phi 2.5\text{ mm}$)	5 ~ 15	≤ 70	-100~+100

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



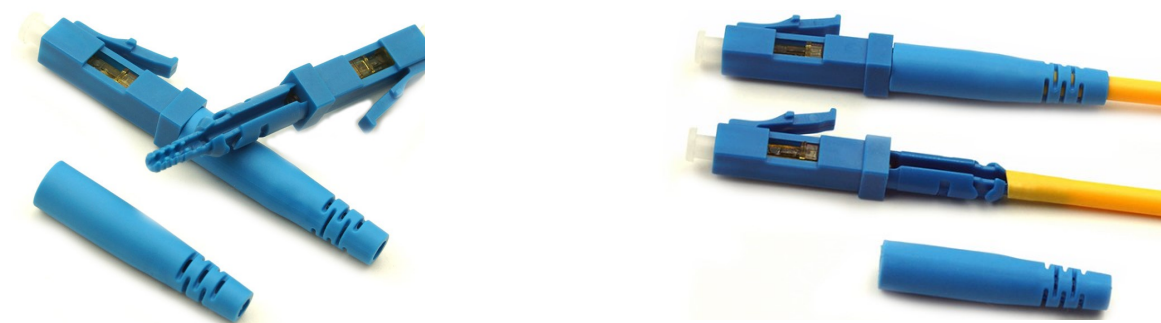
Application in FTTX:

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



Length guard board

Specifications



Part No.: J-C-SLU-1

Connector Type	LC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	Round 2.0 Simplex cable	Length	55mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
Tension Strength	$\geq 30\text{N}$	Operating Temp	$-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$

3D Interferometer (Only available if customer requested)

Type	Radius (mm)	Apex offset(μm)	Fiber (nm)
PC ($\Phi 2.5\text{ mm}$)	10 ~ 25	≤ 70	-100~+100
APC ($\Phi 2.5\text{ mm}$)	5 ~ 15	≤ 70	-100~+100

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

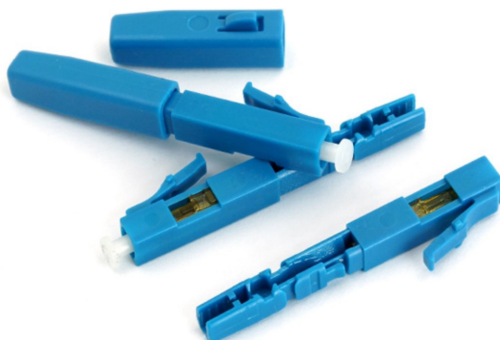
Application in FTTX:

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



Length guard board

Specifications



Part No.: J-D-SLU-1

Connector Type	LC	Polishing	UPC and APC
Ferrule	Ceramic	V-Groove	Plastic Material
Cable Diameters	2x3 FTTH Drop Cable	Length	52mm
Insertion Loss	Typical: $\leq 0.2\text{dB}$ (Elite) / $\leq 0.3\text{dB}$ (Standard) ; Max $\leq 0.5\text{dB}$	Return Loss	UPC $\geq 40\text{dB}$; APC $\geq 50\text{dB}$
Tension Strength	$\geq 50\text{N}$	Operating Temp	$-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$

3D Interferometer (Only available if customer requested)

Type	Radius (mm)	Apex offset(μm)	Fiber (nm)
PC ($\Phi 2.5\text{ mm}$)	10 ~ 25	≤ 70	-100~+100
APC ($\Phi 2.5\text{ mm}$)	5 ~ 15	≤ 70	-100~+100

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
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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
- Repair and replacement requirements
- Fiber optic equipment



Length guard board