

LC Series

LC Connectors

The JIAWEI LC series include simplex/duplex, simplex, multimode, standard and precision type. Because of the small shape factor (SFF) and the optical ring with a diameter of 1.25mm, it is an ideal choice for high-density applications.

Lc Standard Connector Features

- Low insertion loss
- Good repeatability
- Good compatibility
- Push-pull structure, quick installation and unloading
- Meet the RoHS\REACH
- Flammability rating:UL94-V0
- LC connectors have a variety of standard matching components that can be adapted to different types of optical cables.
- Can provide 45 ° boot, 90 ° boot and steel needle boot and so on the many kinds of style and size selection.
- A variety of housing and boot color, to meet the needs of different customers

Lc High Density Connector Features

- Compact design maximizes panel density.
- Low insertion loss
- Good Repeatability
- Good Exchangeability
- Work temperature: -40°C~+75°C
- Minimum number of inserts 500 times
- The pull rod type structure is easy to plug and unplug in high density space
- The length and color of pull rod type structure can be customized according to customer's requirement.
- A variety of shell and boot cover color, to meet the needs of different customers

Technical Parameter

Minimum number of inserts	500
Operating temperature	-40°C~+75°C
insertion loss	0,06dB
return loss	55dB



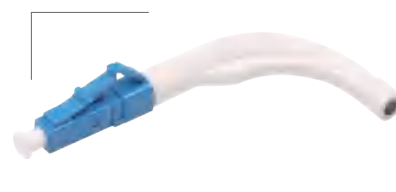
■ Handle LC connector



■ Uniboot



■ Any degree angle LC connector



■ 45/90° angle LC connector.



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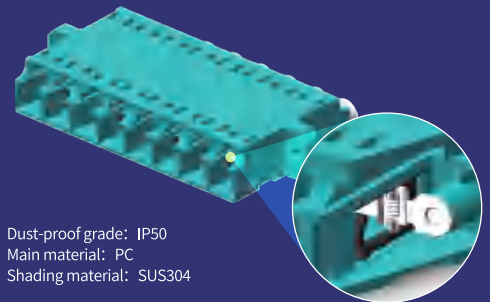
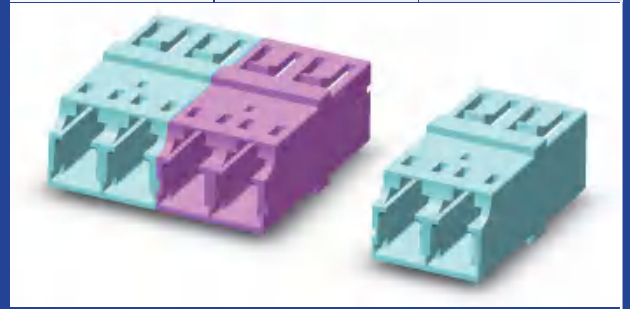
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LC Adapter

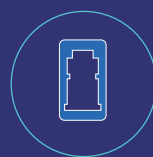
Features

- Low insertion loss
- Good repeatability
- Good compatibility
- Operating temperature -40°C~+75°C
- Minimum number of inserts 500 times
- We supply these products are various types including single mode SM and multimode MM, zirconia sleeve and bronze sleeve, simplex and duplex options, these could be installation in standard RJ-45 panel.
- Most of LC-PC/APC adapters come with ceramic sleeves, while there are bronze sleeve LC adapters which are generally multimode types.
- Simple operation, stable performance, long service life, easy maintenance.
- All parts compliant with RoHS\REACH
- IEC standard compatible
- UL Flame Rating of 94V-0

- LC Stackable Adapter
- these can be overlapped horizontally or vertically without quantity restriction
- The color of the housing can be customized.
- One-piece design is more efficient
- Standard LC Connector
- 90 degree or 45 degree superposition.



Dust-proof grade: IP50
Main material: PC
Shading material: SUS304



MPO

Series

MPO Connector

The JIAWEI MPO series products all support single-mode and multi-mode applications, which are widely used in the wiring process of high-density multi-fiber, as well as the internal connection of FTTX, 40/100g SFP module, SFP+ module and other transceiver equipment.

- MPO connector are many times denser than other standard connectors, saving a lot of space and cost. It has 4, 8, 12, 24 cores and so on.
- Precision molded MT ring, metal elliptical guide needle (known as PIN) and precise housing size are used for precise connection and reduce wear on the guide hole, enabling MPO fiber optic connector to maintain high performance transmission for longer.
- 10N oval spring, 24mm core using 20N spring, 24mm ring, spring push and slit more easily assembled.
- MPO connector has a variety of standard matching parts, can be adapted to different types of cable, more practical.
- Various boot style
- Meet the RoHS/REACH
- Meet the GR-1435 core
- Flammability rating: UL94-V0

Specification

SPECIFICATION	SM Low loss	SM Standard loss	MM Low loss	MM Standard loss
INSERTION LOSS	0.10dB Typical 0.35dB Maximum	0.25dB Typical 0.75dB Maximum	0.1dB Typical 0.35dB Maximum	0.20dB Typical 0.50dB Maximum
RETURN LOSS	> 60dB	> 60dB	> 25dB	> 25dB
OPERATING TEMPERATURE	40°C~+75°C			

Note: The color and size of housing and boot can be customized

MPO-HD Connector

- In addition to the conventional 4, 8, 12, and 24 multi-fiber, gateway's mpo-hd Connector is the best choice for high-density applications.
- Push-pull structure, easy to operate and disassemble.
- The pull tab is designed at the edge of the main body, which improves the smoothness of the boot bending in different directions.

NEW

- Pull tab left design,
- Reduced overall size,
- Plug more simple and convenient.





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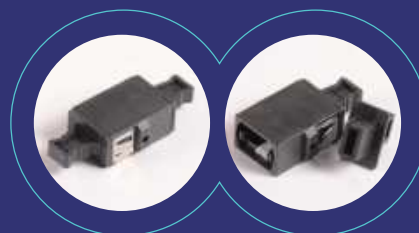
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MPO Adapter

Features

- MPO adapter single, multi - mode optional, default black. Different colors can also be customized according to customer needs.
- Integrated design.
- High precision size, wear resistance, stable performance.
- Locker plug.
- SC type MPO adapter can be compatible with SC panel.
- Standard with shockproof shrapnel, close to the panel installation.
- Meet the RoHS\REACH
- Flammability rating:UL94-V0

ITEM	SPECIFICATION PARAMETERS	
Applicable connector type	MPO/MTP	
Default Color	Black	
Test the wavelength	1310nm, 1550nm, 850nm, 1300nm	
Insertion loss	Typical	Maximum
	$\leq 0.20\text{dB}$	$\leq 0.30\text{dB}$
Repeatability	$\leq 0.10\text{dB}$	
Interchangeability	$\leq 0.20\text{dB}$	
Plug the performance	Insert and unplug 500 times, loss change 0.20db	
Operating temperature	$-40^{\circ}\text{C}\sim+75^{\circ}\text{C}$	



SC

Series

SC Connector

SC Series fiber optic product have convenient push-pull structure and was widely used in all kinds of optical FTTX network solutions.

- According to the different transmission media, fiber connectors can be divided into single-mode and multimode fiber optic connectors.
- The end face of the pin is used more PC or APC model grinding method, NTT-SC ceramic ferrules provide accurate alignment.
- Connector housing of SC is well-made and Raw materials meet UL standards.
- The Flex-Angle boot is designed to bend and maintain any angle or direction from straight to 90°.
- The boot is molded over a single stainless steel wire and can be easily positioned by hand. Not only would this save space, but it would be less aggravating to work with as well.
- Typical values of IL can be less than 0.1dB
- Cable 0.9mm, 2.0mm, or 3.0mm

Features

- Low insertion loss
- Good repeatability
- Good compatibility
- Operating temperature-40°C~+75°C
- Minimum number of inserts 500 times
- All parts compliant with RoHS\REACH
- IEC standard compatible
- UL Flame Rating of 94V-0
- The color of the boot and housing can be customized.
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- GR-326-CORE Compliant





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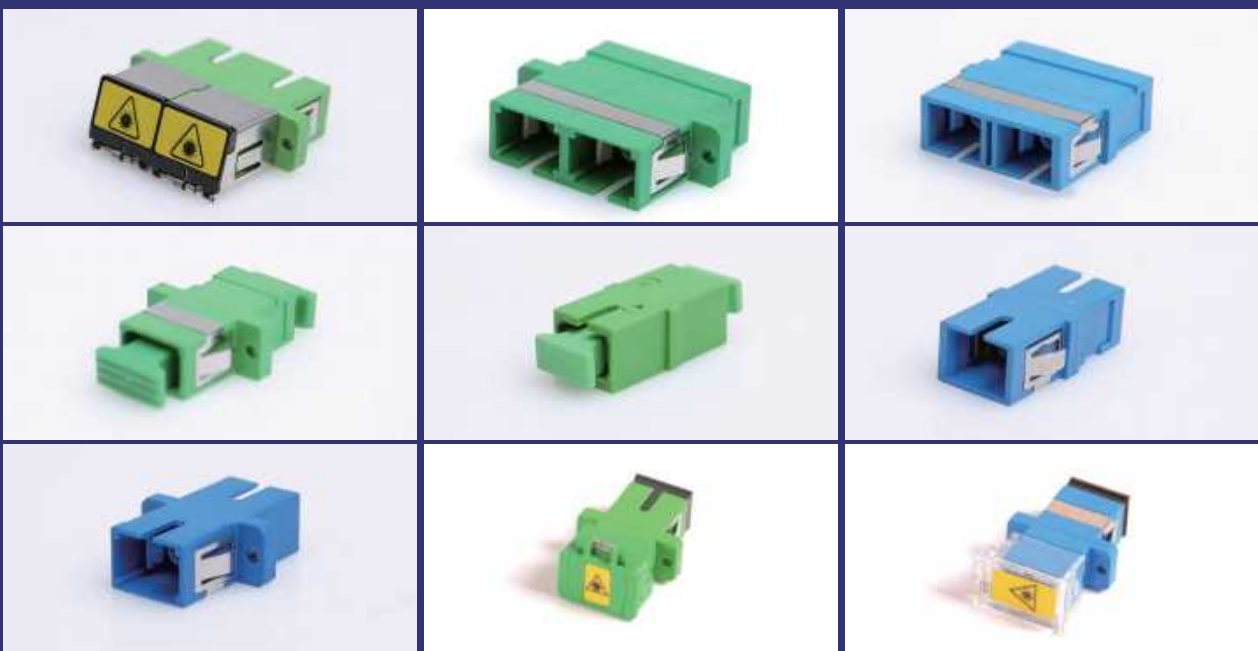
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SC Adapter

- SC UPC/APC auto shutter Adaptor single mode multimode flange coupler fiber optical adapters,built-in ceramic bushingwith low insertion and return loss.
- According to the products structural characteristics and appearance requirement, one-piece type and welded type, eartype and earless type.
- Internal shutter can prevent dust and light.
- Adapter With Flip Type Dust Cover

Features

- Minimum number of inserts 500 times
- All parts compliant with RoHS\REACH
- IEC standard compatible
- GR-326-CORE Compliant
- UL Flame Rating of 94V-0
- The color of the boot and housing can be customized.



Others

Fiber Optic Connector Assemblies

According to the different transmission media, fiber connectors can be divided into single-mode and multimode fiber optic connectors. They are widely used in the fiber optic links. Diversification of styles helps to identify optical channels, thereby saving installation and maintenance costs.

MU Series

MU series connectors include simplex, duplex, and single-boot varieties, as well as adapters and back-board solutions for single, multi-mode, and APC applications. Because they are small shape factors (SFF), they offer the advantages of high density packaging and high optical performance, using 1.25mm OD ceramic rings.



- Cable 0.9mm, 2.0mm, or 3.0mm
- Pre-assembled
- The color of the boot and housing can be customized.
- Flammability rating: UL 94V-0
- IEC standard compatible
- All parts compliant with RoHS\REACH
- Minimum number of inserts 500 times

E2000 Connector

- E2000 fiber optic connector has a push-pull coupling mechanism, with an automatic metal shutter in the connector as dust and laser beam protection. It also helps protect the eyes from laser damage.
- E2000 connector available for Singlemode PC, APC and Multimode PC.



- One-piece design for easy and quick termination
- can be used for installation of various optical cables
- Low insertion loss
- Good repeatability
- Good compatibility
- Minimum number of inserts 500 times
- Operating temperature -40°C ~ +75°C

DIN

- Small size and threaded locking structure will make the transmission signal more stable.
- The integrated design of spring, plug and shell is widely used in PC keyboard, MIDI instrument and other professional equipment. It is durable and anti-corrosion.
- The color of the boot can be customized.
- can be used for installation of various optical cables
- Low insertion loss
- Good repeatability
- Good compatibility
- Minimum number of inserts 500 times
- Operating temperature -40°C ~ +75°C



Others

MT-RJ

- Push-pull design based on RJ-45
- High Precision Docking
- housing two fibers in one connector and mating together with locating pins on the plug
- Standing for Mechanical Transfer Registered Jack, this connector utilizes pins to differentiate between male and female, for accurate connections.
- Low insertion loss
- Good repeatability
- Good compatibility



FC

- JIAWEI provides a full range of FC simplex connectors, including 0.9mm, 2.0mm and 3.0mm single-mode, multi-mode and APC types.
- A key feature of these connectors is the threaded coupling mechanism, which helps ensure strong and reliable connections regardless of the application.
- FC connectors have been proven in telecommunications, LAN, cable TV, medical systems, sensors and other industries.
- Standard metal parts, anti-corrosion and other characteristics
- The color of the boot can be customized.
- can be used for installation of various optical cables
- Low insertion loss
- Good repeatability
- Good compatibility
- Minimum number of inserts 500 times
- Operating temperature -40°C~+75°C
- Available for 0.9mm, 2.0mm, and 3.0mm boot connectors.
- Flammability rating; UL 94V-0
- TIA/EIA, IEC, and Telcordia GR 326-CORE
- standards compliance



LC

Series

NEW

Reversible polarity with handle LC connector

- 1.The Reversible polarity with handle LC connector provides simplest,and fastest way to reverse the fiber channel polarity.
- 2.Customizable label on handle for easy identification of construction.
- 3.There is no need for a tool or a delicate hard work,and the construction operation is simpler.

Features:

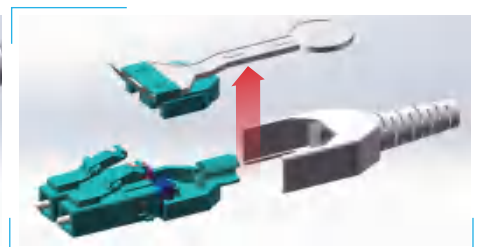
- SM,MM types available
- Available for 2,0,3,0 cable type
- UL94V-0 flammability grade
- RoHS and REACH compliant
- IEC 61754-20

Technical Parameter

Minimum number of inserts	500
Operating temperature	-40°C~+75°C
insertion loss	0.06dB
return loss	55dB



1 Pull out



2 Clip off



3 Exchange polarityz



4 Exchange completed



No Tool



Use More Simpler



Save Time



Low-loss



More Safety