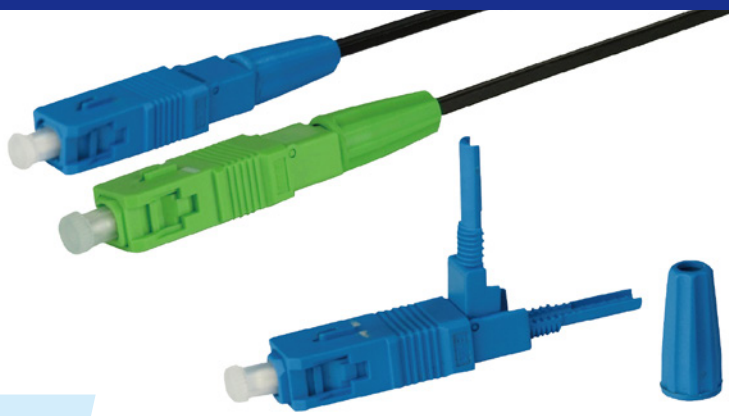
DIMENSION TECHNOLOGY

EASYCONN

Fast Connector

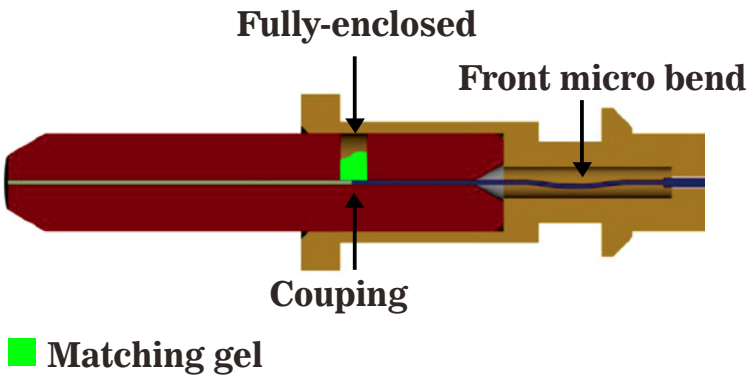


Features:

1. Fiber alignment by ceramic ferrule
2. Linkage locking mechanism
3. Fully-enclosed design for matching gel
4. Applicable to different kinds of optical cables
5. Red light viewing window at the coupling point
6. Front Micro-bend Design
7. Back Micro-bend Design
8. Multiple times of Reassembly
9. The overall length is ONLY 52mm.
10. Good performance for temperature change
11. Easy and convenient assembly
12. No need specialized tools

Application:

FTTH
FTTX
5G optical network system
Others



Fiber alignment by ceramic ferrule（Patented）

Compared with the traditional "V" groove alignment method, EASYCOON is made to be aligned by ceramic ferrule, which ensures and improves the higher optical performance even in bad condition.

Fully-enclosed design for matching gel（Patented）

With fully-enclosed design, it can prevent the matching gel from volatilization, metamorphosis and loss; also it provides the connector with longer use time and ensures the stable working in a wide temperature range from –40°C to 75°C.

Front Micro-bend Design（Patented）

With front Micro-bend design, it can make the fiber connection tight and eliminate the gap of fiber coupling even in high or low temperature.

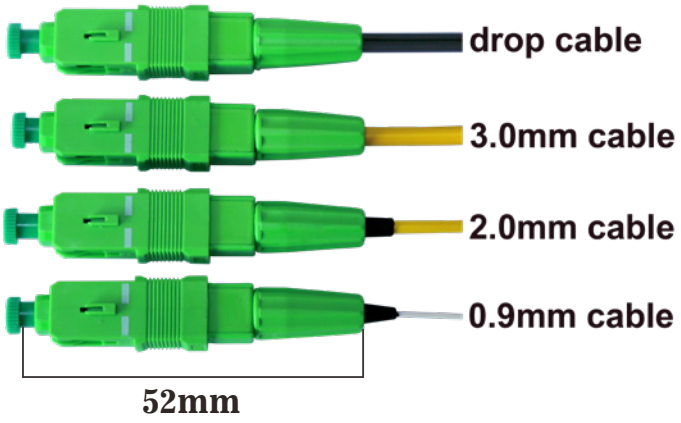
Email:sales@weidujs.com Tel:+86 755-26480850

Linkage locking structure (Patented)

EASYCONN is designed with linkage locking structure that can lock fiber and cable simultaneously. While press the up-boot, the boot will push the locking ring and lock 250um fiber automatically. No additional tools needed to assemble.

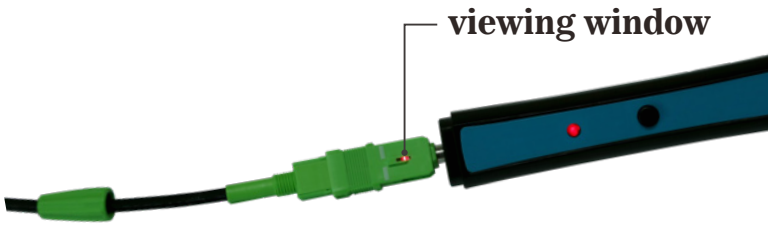
Applicable to different kinds of optical cables

The sawtooth cable locking structure greatly improved the tensile strength of the connector, which is suitable for drop cable, Φ3.0mm cable, Φ2.0mm cable(with additional tube), Φ0.9mm cable(with additional boot).

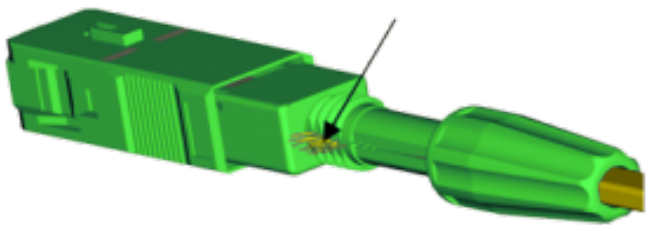


Red light viewing window

Red light viewing window at the coupling point to help the operator to check if the assembly is successful by using the red light locator.



Aramid locking structure



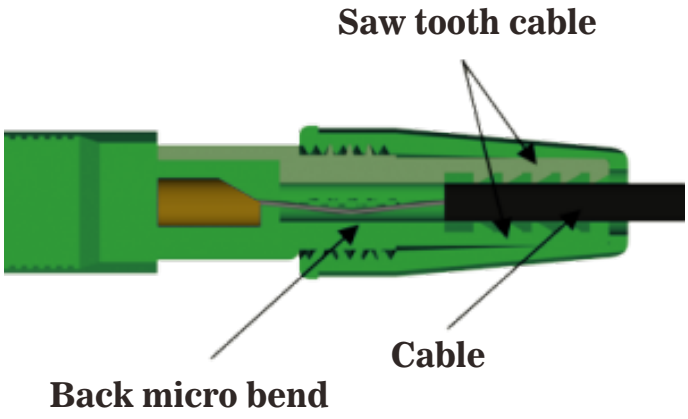
Staggered-tooth structure for Kevlar locking (Patented)

The structure can lock Kevlar firmly to provide incredible tensile strength while using Φ3.0mm cable and Φ2.0mm.

Email:sales@weidujs.com Tel:+86 755-26480850

Front spring structure

With front spring structure, the ferrule can do the self-adjustment freely like traditional connector while connecting.

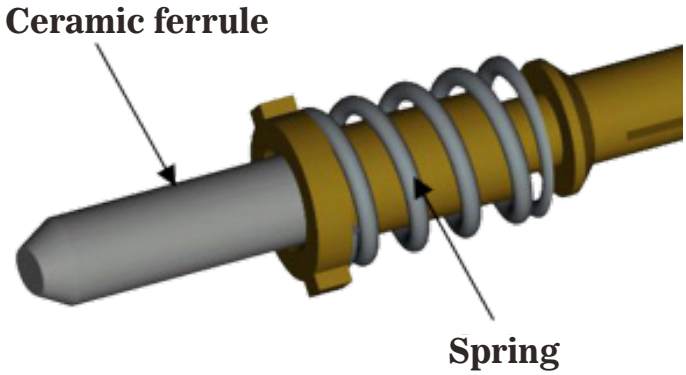


Easy and convenient assembly

The fast connector has been pre assembled in factory as the picture. The operator just needs to strip, cleave and lock the cable, very easy process. No need specialized tools.

Reassembly structure

EASYCONN' s unique structure supports multiple times of reinstallation without any specialized tools.



Back Micro-bend design

The back micro-bend structure provides high optical performance. When the cable is pushed back to move slightly, the coupling point can be still connected tightly.

Specifications

Item	Parameter		Remarks
Insert Loss	**PC:**Typical **0.2dB** Max **0.4dB**	**APC:**Typical **0.2dB** Max **0.4dB**	1310nm & 1550nm
Return Loss	**PC:**Typical **48dB** Min **45dB**	**APC:**Typical **55dB** Min **52dB**	1310nm & 1550nm
Fiber	SM 9/125um		
Application	drop cable,Φ3.0mm, Φ2.0mm(with tube),Φ0.9mm (with boot)		
Operation Time	<10s(Exclude Fiber Treatment)		
Tensile Strength	>80N (Drop Cable)		Peak Power of Tensile
Reassemble Times	5 times		
Operation Temperature	-40~75°C		

Email:sales@weidujs.com Tel:+86 755-26480850