

Fiber Field Fast Connector

Fiber Fast Connector is a perfect solution for field working and FTTH connection. It is widely used for where need to quick connection, providing a quick assembly and stable performance. When engineers work in field for installation, maintenance, repair of optical fiber, or FTTH indoor terminate, they can use it easily because it has no epoxy, no polishing.

Features

- Excellent mechanical capability
- Inside ferrule with fiber stuff and pre-polishing
- Field installable, quick connection, easy for operation
- No epoxy, no polishing, no adhesive, no electricity required
- Reliable durable and superior optical performance
- Cable Tensile complied with Telcordia GR-326-CORE

SC Fast connector

P/N: FLK-FAOC-SU01	P/N: FLK-FAOC-SU02	P/N: FLK-FAOC-SU03	P/N: FLK-FAOC-SU04	P/N: FLK-FAOC-SU05
P/N: FLK-FAOC-SA01	P/N: FLK-FAOC-SA02	P/N: FLK-FAOC-SA03	P/N: FLK-FAOC-SA04	P/N: FLK-FAOC-SA05
P/N: FLK-FAOC-SU06	P/N: FLK-FAOC-SU07	P/N: FLK-FAOC-SU08	P/N: FLK-FAOC-SU09	P/N: FLK-FAC-SUF40
P/N: FLK-FAOC-SA06	P/N: FLK-FAOC-SA07	P/N: FLK-FAOC-SA08	P/N: FLK-FAOC-SA09	P/N: FLK-FAC-SAF40

LC, FC Fast connector

P/N: FLK-FAOC-LU01	P/N: FLK-FAOC-LA01	P/N: FLK-FAOC-FU01	P/N: FLK-FAOC-FA01

Fusion Splice-on Connector (SOC)

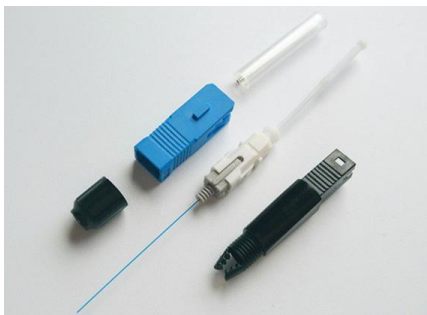
Fusion splice-on connector (SOC) is optical fiber type quick connector, which used for splicing point inside the connector end, equivalently eliminate the pigtails when splicing. The advantage is no need additional protection after splice, such as splice tray, splice closure, distribution box. In contract to the design of mechanical splice connector, it save V-groove mechanical connector maintenance and operation cost and durable, which overturns the concept that high cost of splice machine and do not apply to FTTH construction.

Features

- Field-termination connector with no epoxy or polishing required
- No matching gel enables low reflection and high reliability
- Splicing point is inside of the connector. No additional splicing work required
- Easily assembled with one-touch, push-pull system
- Used for $\phi 3.0\text{mm}$, $\phi 2.0\text{mm}$ cable and 3x2mm drop cable etc
- The fusion splice position can be protected by the heat shrinkable tube inside, not easy broken
- 100% qualified, prolong use life, reduce the Maintenance cost
- The operator can confirm if the splicing is successful by the monitor of fusion splicing machine, to make it have more stability

Specifications

Item	Fusion Splice-on Connector
Fiber Cable	3.1*2.0mm drop cable or 2.0mm, 3.0mm fiber cable
Fiber type	Single mode, G652D, G657.A2
Tight buffer diameter	250um
Ferrule Type	All Zirconica Pre-Polished Ferrules
Insertion loss	$\leq 0.3\text{dB}$ (Typical)
Return loss	UPC $\geq 50\text{dB}$, APC $\geq 60\text{dB}$
Bare fiber solid tightness	250g
Working temperature	-40°C - $+80^{\circ}\text{C}$
Tensile strength	60N(5kgs for 2mins)
Comply with Standard	TELCORDIA GR-326-CORE & TELCORDIA GR-1081-CORE



P/N: FLK-SOC-SU01



P/N: FLK-SOC-SA01



P/N: FLK-SOC-FU01

Fiber Mechanical Splicer (FMS)

Fiber Mechanical Splicer (FMS) is recommended for indoor, outdoor through and branch splicing, transition splicing between listed and non-listed cables, pigtail splicing and is ideal for emergency restoration. Incorporating a unique fiber alignment mechanism that self-centers the fibers and provides accurate alignment, MS requires minimal training and few accessories to assemble. In Average “blind” (non-tuned) splice loss is 0.15 dB to 0.3 dB. The one-part-fits-all design accommodates 3.1 x 2.0 mm Drop cable. With no adhesive or epoxy required, the assembly process involves stripping and cleaving fibers, inserting the fibers into the splice part until they touch and turning the cams to secure the fibers.

FLK-FMS-S1	FLK-FMS-S1H	FLK-FMS-S2	FLK-FMS-S2H

Specifications

Item	Technical parameters
Application	Drop cable or Indoor cable (0.9/2.0/ 3.0mm)
Optical fiber diameter	125um (SM G652D, or G657A)
Tight buffer diameter	250um
Fiber mode	Single mode or Multi mode
Operation time	About 60s (no fiber cut)
Average Insertion loss	≤ 0.2dB (1310nm & 1550nm)
Return loss	≥40dB
Fastening strength of naked fiber	>5N
Fastening strength of naked fiber holder	>8N
Repeatability (10 times)	△ IL ≤ 0.2dB △ RL ≤ 5dB