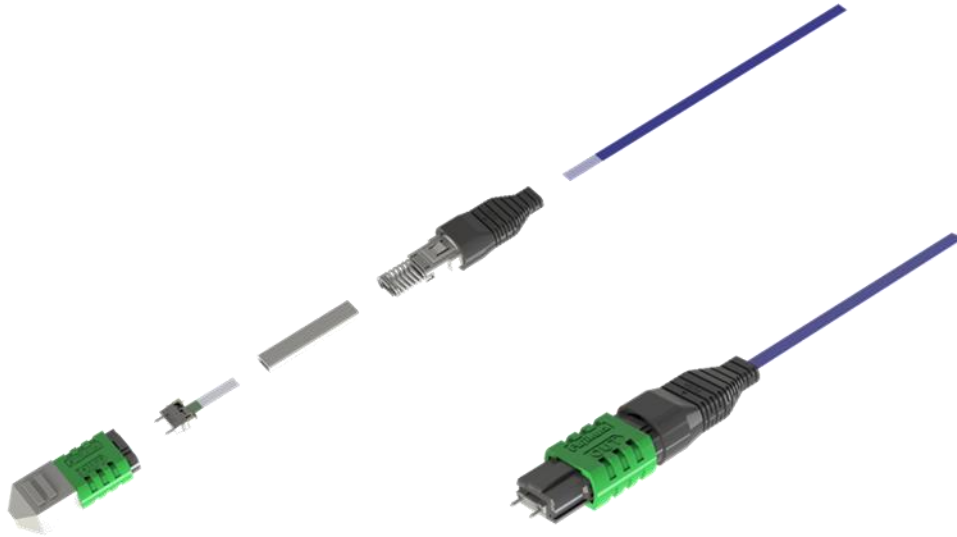


FuseConnect™ MPO



FuseConnect™ MPO

FuseConnect™ MPO splice-on, field-installable connectors are uniquely designed and feature just six components. The innovative factory pre-polished ferrule allows for a field-termination process that eliminates the need for polishing, adhesives and crimping in the field and minimizes the potential for operator error and expensive connector scrap. FuseConnect™ MPO is part of the FuseConnect™ splice-on connector family which includes SC, LC and ST style connectors.

The connector is designed for use with the new RT-02 ribbonizing tool which does not require ribbonizing glue resulting in a cleaner termination process.

FuseConnect™ MPO performs as an equivalent to the standard factory terminated MPO/MTP® assemblies. Designed to utilize standard ribbon, SpiderWeb Ribbon™, or loose tube cable, this connector helps minimize the complexity involved in the termination of a multi-fiber connection, allowing for a reliable and repeatable termination in field applications. Fujikura offers a tool kit as well as a variety of accessories designed to meet all your installation needs for your FuseConnect™ MPO application.

FuseConnect™ MPO

Specifications

Applicable fiber/cord	<ul style="list-style-type: none"> • 12 fiber ribbon type (0.25mm fiber) • 3mm cord type 			
Connector	MPO (12f)			
Type	SM *1	Low Loss SM*1	MM (OM1)*2	MM (OM4)*3
Polishing	APC		PC	
Housing color	Green	Yellow	Beige	Aqua
Insertion loss*4	≤0.75 dB	≤0.35 dB	≤0.35 dB	
Return loss*4	≥65 dB	≥65 dB	-	
Remark	6pcs packing unit			

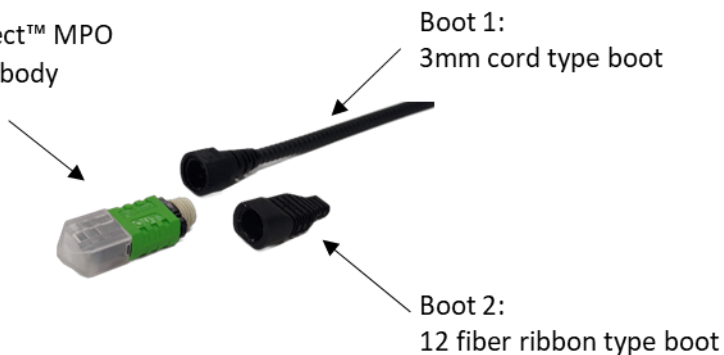
*1 : Mode field diameter : 8.6 um. (For 9.2 um type, please consult with us.), *2 : GI62.5/125, IEC60793-2-10A1b,

*3 : GI50/125, IEC60793-2-10A1a.3, *4 : with reference connector, SM@1310, 1550nm, MM@850, 1310nm

Ordering Information

Type	Polishing	Male (Connector with guide pin)	Female (Connector without guide pin)
SM	APC	FUSECONNECT-MPO-S-MALE-SM15-6	FUSECONNECT-MPO-S-FEMALE-SM15-6
Low Loss SM	APC	FUSECONNECT-MPO-S-MALE-LLSM15-6	FUSECONNECT-MPO-S-FEMALE-LLSM15-6
MM(OM1)	PC	FUSECONNECT-MPO-S-MALE-GI6-6	FUSECONNECT-MPO-S-FEMALE-GI6-6
MM(OM4)	PC	FUSECONNECT-MPO-S-MALE-OM4-6	FUSECONNECT-MPO-S-FEMALE-OM4-6

FuseConnect™ MPO connector body



Optional product : RT-02 / Ribbonizing tool

