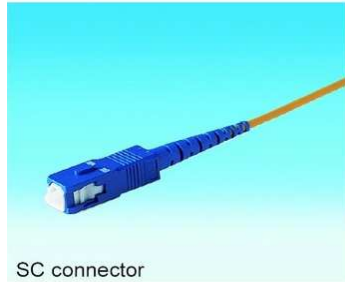


# Optical Connectors



Optical connector make connectivity between optical fibers possible , with the ease of connecting and disconnecting. Constructed using advanced technology , Fujikura connectors promise high quality and reliability. The connector shown here are representative examples of commonly used connectors. Fujikura can also meet customised requirements for other type of connectors or even connector which require even higher specification.

Fujikura offers the broadest selection of various cordage including plenum , riser and LSZH and premium / customized specs for our connectorized assemblies. Our connectorized assemblies are tested to meet Telcordia GR-326-CORE for single-fiber connector assemblies and GR-1435-CORE for multi-fiber connector assemblies. Pleaes contact us for more detail



SC connector



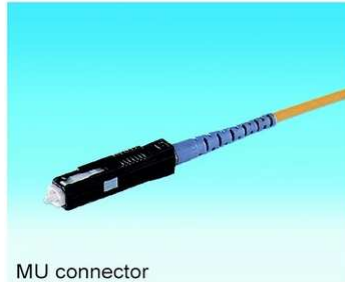
SC2 connector

\*Special tools necessary for disconnecting

## SC Connector

Item		Content	
Fiber type		Single Mode	Multi Mode
		SM10/125 DSM8/125	G50/125 G62.5/125
Insertion loss (with master cord )	PC Polish	≤ 0.5 dB	≤ 0.3 dB
	Super PC Polish(SPC)		-
	Angled polish(APC)		-
Return loss	Supper PC polish(SPC)	≥ 40 dB	✳
	Angled polish(APC)	≥ 60 dB	-
Suitable Cord type		∅ 2.0 & 2.8 Cord , ∅ 0.9 Fiber	
Conformity Standard		JIS C5973(F04),IEC61754-4	

✳ Pleaes enquire on the Return loss for Multi-Mode fiber



MU connector



MUJ connector

\*Special tools necessary for disconnecting/connecting.

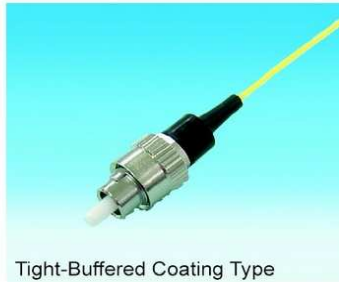
## MU Connector

Item		Content	
Fiber type		Single Mode	Multi Mode
		SM10/125 DSM8/125	G50/125 G62.5/125
Insertion loss (with master cord )	PC Polish	≤ 0.5 dB	≤ 0.3 dB
	Super PC Polish(SPC)		-
	Angled polish(APC)		-
Return loss	Supper PC polish(SPC)	≥ 40 dB	✳
Suitable Cord type		∅ 2.0 Cord , ∅ 0.9 Fiber	
Conformity Standard		JIS C5983(F14),IEC61754-6	

✳ Pleaes enquire on the Return loss for Multi-Mode fiber



Cord Type



Tight-Buffered Coating Type

## FC Connector

Item		Content	
Fiber type		Single Mode	Multi Mode
		SM10/125 DSM8/125	G50/125 G62.5/125
Insertion loss (with master cord )	PC Polish	≤ 0.5 dB	≤ 0.3 dB
	Super PC Polish(SPC)		-
	Angled polish(APC)		-
Return loss	Supper PC polish(SPC)	≥ 40 dB	✳
	Angled polish(APC)	≥ 60 dB	-
Suitable Cord type		∅ 2.0 & 2.8 Cord , ∅ 0.9 Fiber	
Conformity Standard		JIS C5970(F01),IEC61754-13	

✳ Pleaes enquire on the Return loss for Multi-Mode fiber



Cord Type



Tight-Buffered Coating Type

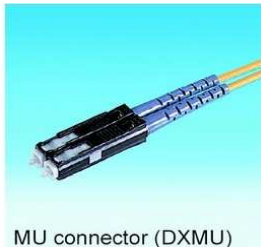
## LC Connector

Item		Content	
Fiber type		Single Mode	Multi Mode
		SM10/125 DSM8/125	G50/125 G62.5/125
Insertion loss (with master cord )	PC Polish	≤ 0.5 dB	≤ 0.3 dB
	Super PC Polish(SPC)		-
	Angled polish(APC)		-
Return loss	Supper PC polish(SPC)	≥ 40 dB	✳
Suitable Cord type		∅ 2.0 Cord , ∅ 0.9 Fiber	
Conformity Standard		TIA/EIA-604-10,IEC61754-20	

✳ Pleaes enquire on the Return loss for Multi-Mode fiber



SCF connector



MU connector (DXMU)



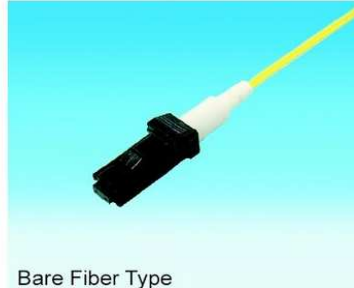
LC connector (DXLC)

### Duplex Type Connector

- Connectors 2 fibers together
- Performance is the same with Single Fiber connector for each respective connector type



Cord Type



Bare Fiber Type

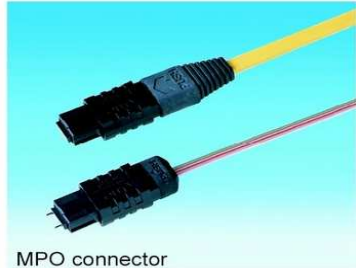
### MTRJ Connector

Item		Content	
Fiber type		Single Mode	Multi Mode
		SM10/125 DSM8/125	G50/125 G62.5/125
Insertion loss (with master cord)	PC Polish	≤ 0.7 dB	≤ 0.3 dB
Return loss		≥ 26 dB	✳
Suitable Cord type		∅ 2.0 ribbon cord , 2-fiber cord , ∅ 0.9 bare fiber x 2	
Conformity Standard		TIA/EIA-604-10,IEC61754-20	

MTRJF : Without guide pin

MTRJM : With guide pin

✳ Pleaes enquire on the Return loss for Multi-Mode fiber



MPO connector



MPX connector

### MPO/LIGHTRAY MPX Connector

Item		Content	
Fiber type		Single Mode	Multi Mode
Connector loss	Standard Grade	≤ 1.0 dB	≤ 0.5 dB
	Low-Loss Grade	≤ 0.35 dB	-
Return loss		≥ 55 dB	-
Suitable Cord type		Ribbon fiber , Ribbon Cord	
Conformity Standard		MPO: JIS C5982(F13), IEC61754-7	

MPOF,MPXF : Without guide pin

MPOM,MPXM : With guide pin

MPX : LIGHTRAY MPX is a trademark of the whitaker Coroperation  
,an affiliate of Tyco Electronics Corporation