

### Single-fiber Optical Connector

Fujikura Simplex/Duplex Patch Cords support following optical connectors.

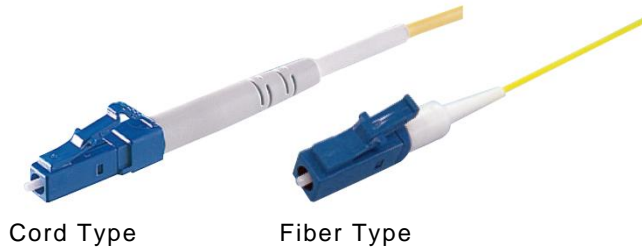
#### SC Connector



SC Connector

SC2 Connector (Note)  
(Note) Special tools are required for attaching and detaching.

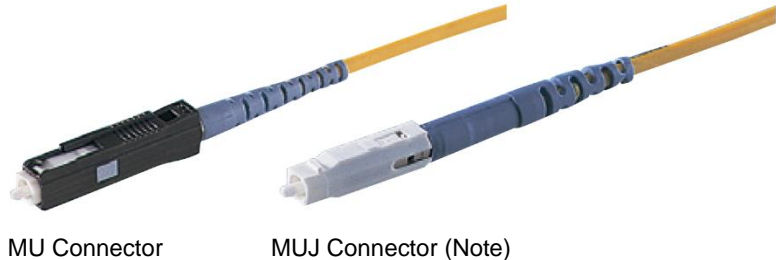
#### LC Connector



Cord Type

Fiber Type

#### MU Connector



MU Connector

MUJ Connector (Note)  
(Note) Special tools are required for attaching and detaching.

#### FC Connector



Cord Type

Fiber Type

#### Duplex Type Connector



SCF Connector (SCF)

LC Connector (DXLC)

MU Connector (DXMU)



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**Single-fiber Optical Connector Lineup for Simplex/Duplex Patch Cords**

Optical Connector Type		Single Mode Fiber (SMF) / Multimode Fiber (MMF)							
		Polishing Method (MMF can only be PC polished.)				Cord Size [mm]			
		PC	SPC	UPC	APC	Fiber Ø 0.9	Simplex Cord Ø 2	Ø 2.8	Zipcord Ø 2 x 2
SC	SC	✓	✓	✓	✓	✓	✓	✓	✓
	SC2	✓	✓	✓		✓	✓	✓	✓
	SCF	✓	✓	✓		✓	✓	✓	✓
LC	LC	✓	✓	✓		✓	✓		✓
	DXLC	✓	✓	✓		✓	✓		✓
MU	MU	✓	✓	✓		✓	✓		✓
	MUJ	✓	✓	✓		✓	✓		✓
	DXMU	✓	✓	✓		✓	✓		✓
FC	FC	✓	✓	✓	✓	✓	✓	✓	✓

**Optical Specifications of Single-fiber Optical Connector**

Item		Single Mode	Multimode
Fiber Type		SM10/125 (R15, R30)	GI50/125 GI62.5/125
Applicable Optical Connectors		SC, LC, MU, FC	
Insertion Loss (against Master)	PC Polishing	0.5 dB or less	0.3 dB or less
	SPC Polishing		Not Supported
	UPC Polishing		
	APC Polishing (*1)		
Return Loss	PC Polishing	- (*2)	- (*2)
	SPC Polishing	40 dB or more	Not Supported
	UPC Polishing	50 dB or more	
	APC Polishing (*1)	60 dB or more	

(\*1): SC2, LC and MU connectors do not support APC polishing.

(\*2): If specification of the return loss is required, please contact Fujikura Sales.



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