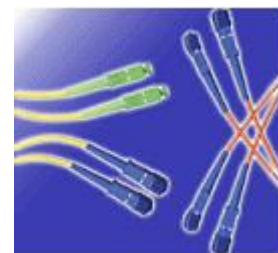


## SC Fiber Optic Connector

### Applications

- Data communication
- Telephone communication Network
- Test equipment
- LAN
- Fiber optic CATV
- Access Network



### Features

- Designed to meet TIA/EIA 568B.3
- MT/RJ Plug is half the size of duplex SC connectors
- Intuitive RJ-45 type latching mechanism
- MT/RJ Jack is installable in conventional RJ-45 faceplates and outlet boxes

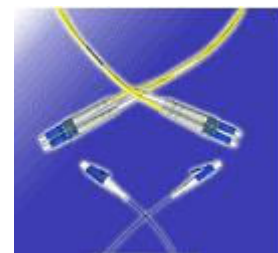
### Specifications

Test Item		Test Condition	Value(dB)	
			UPC	APC
Optical Performance	Insertion Loss	1310nm LED light source	< 0.3	< 0.3
	Return Loss	1310nm LD light source	> 50	> 60
Environmental Performance(Max. Insertion Loss change)	Thermal Age	+85oC,168 hours	0.2	
	Thermal Cycle	-40-+75oC, 21 Cycles 168 hours	0.2	
	Humidity Aging	+75oC, 95%R.H,168 hours	0.2	
	Humidity/Condensation Cycling	-10-+65oC, 90%~100%RH, 14 cycles 168 hours	0.2	
Mechanical Performance( Max. Insertion Loss change)	Vibration	10-55Hz, 1.5mm(p-p)	0.2	
	Flex	0.9kgf,-90o ~ +90o repeat for 100 cycles	0.2	
	Twist	1.35kgf, 90o,10times	0.2	
	Proof	0o, 6.8kgf; 90o,3.4kgf	0.2	
	Impact	H=1.5M,Total of 8 impacts	0.2	
	Exchangeability	Randomly	0.2	
	Durability	500 times	0.2	

# LC Fiber Optic Connector

## Applications

- Data communication
- Telephone communication Network
- Test equipment
- LAN
- Fiber optic CATV
- Access Network



## Features

- PC, UPC polishing
- Push-pull structure
- High return loss, Low insertion loss
- High reliability and stability
- Compact size

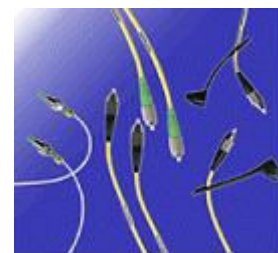
## Specifications

Test Item		Test Condition	Value(dB)	
			PC	UPC
Optical Performance	Insertion Loss	1310nm LED light source	< 0.3	< 0.3
	Return Loss	1310nm LD light source	> 40	> 50
Environmental Performance(Max. Insertion Loss change)	Thermal Age	+85oC,168 hours	0.2	
	Thermal Cycle	-40-+75oC, 21 Cycles 168 hours	0.2	
	Humidity Aging	+75oC, 95%R.H,168 hours	0.2	
	Humidity/Condensation Cycling	-10-+65oC, 90%~100%RH, 14 cycles 168 hours	0.2	
Mechanical Performance( Max. Insertion Loss change)	Vibration	10-55Hz, 1.5mm(p-p)	0.2	
	Flex	0.6kgf,-90o ~ +90o repeat for 100 cycles	0.2	
	Twist	1.35kgf, 900o,10times	0.2	
	Proof	0o, 6.8kgf; 90o,3.4kgf	0.2	
	Impact	H=1.5M,Total of 8 impacts	0.2	
	Exchangeability	Randomly	0.2	
	Durability	500 times	0.2	

# MT/RJ Fiber Optic Connector

## Applications

- Data communication
- Telephone communication Network
- Test equipment
- LAN
- Fiber optic CATV
- Access Network



## Features

- Designed to meet TIA/EIA 568B.3
- MT/RJ Plug is half the size of duplex SC connectors
- Intuitive RJ-45 type latching mechanism
- MT/RJ Jack is installable in conventional RJ-45 faceplates and outlet boxes

## Specifications

Test Item		Test Condition	Value(dB)
Optical Performance	Insertion Loss	1.3um LED light source	Typical 0.3
	Return Loss	1.3um LD light source	> 35
Environmental Performance(Max. Insertion Loss change)	Thermal Age	+60oC, 96 hours	0.2
	Thermal Cycle	-10oC, 96 hours	0.2
	Humidity Aging	-10-+60oC, 12 cycles, 96hours	0.2
	Humidity/Condensation Cycling	+40oC, 95%R.H 96 hours	0.2
Mechanical Performance( Max. Insertion Loss change)	Vibration	10-55Hz, 1.5mm(p-p)	0.2
	Flex	0.6kgf, - 90o ~ + 90o repeat for 100 cycles	0.2
	Twist	1.5kgf, +-180o, 10times/min, 200 cycles	0.2
	Proof	70N , 10min	0.2
	Impact	H=1.5M, Total of 8 impacts	0.2
	Exchangeability	Randomly	0.2
	Durability	500 times	0.2

## Ordering Information

### Structure type (one end)

FP=FC/PC FU=FC/UPC FA=FC/APC

TP=ST/PC TU=ST/UPC LP=LC/PC

LU=LC/UPC MP=MU/PC MU=MU/UPC

MR=MT/RJ

**Structure type (the other end)**

Same of above

Note : 00 stands for pigtail

**Mode of optical fiber**

SM= G652 standard singlemode optical fiber

M5 = 50/125  $\mu$ m standard multimode optical fiber

M6 = 62.5/125  $\mu$ m standard multimode optical fiber

XX = others (please specify)

**Type of cable**

1 = F 0.9mm tight buffer

2 = F 2.0mm simplex cable

3 = F 3.0mm simplex cable

4 = F 2.4mm simplex cable

5 = F 0.9mm loose tube

6 = F 2.0mm duplex cable

7 = F 3.0mm duplex cable

x = others (please specify)

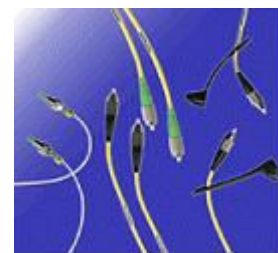
**Length of cable**

Unit: metre(m) , for example: 001=1m, 015=15m , 1.5=1.5m

# FC Fiber Optic Connector

## Applications

- Data communication
- Telephone communication Network
- Test equipment
- LAN
- Fiber optic CATV
- Access Network



## Features

- UPC, APC polishing
- High return loss, Low insertion loss
- High reliability and stability

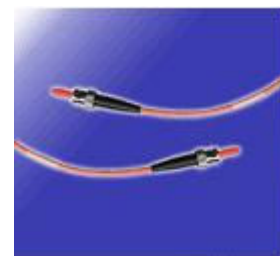
## Specifications

Test Item		Test Condition	Value(dB)	
			UPC	APC
Optical Performance	Insertion Loss	1310nm LED light source	< 0.3	< 0.3
	Return Loss	1310nm LD light source	> 50	> 60
Environmental Performance(Max. Insertion Loss change)	Thermal Age	+85oC,168 hours	0.2	
	Thermal Cycle	-40-+75oC, 21 Cycles 168 hours	0.2	
	Humidity Aging	+75oC, 95%R.H,168 hours	0.2	
	Humidity/Condensation Cycling	-10-+65oC, 90%~100%RH, 14 cycles 168 hours	0.2	
Mechanical Performance( Max. Insertion Loss change)	Vibration	10-55Hz, 1.5mm(p-p)	0.2	
	Flex	0.9kgf,-90o ~ +90o repeat for 100 cycles	0.2	
	Twist	1.35kgf, 900o,10times	0.2	
	Proof	0o, 6.8kgf; 90o,3.4kgf	0.2	
	Impact	H=1.5M,Total of 8 impacts	0.2	
	Exchangeability	Randomly	0.2	
	Durability	500 times	0.2	

## ST Fiber Optic Connector

### Applications

- Data communication
- Telephone communication Network
- Test equipment
- LAN
- Fiber optic CATV
- Access Network



### Features

- UPC, APC polishing
- High return loss, Low insertion loss
- High reliability and stability

### Specifications

Test Item		Test Condition	Value(dB)	
			UPC	APC
Optical Performance	Insertion Loss	1310nm LED light source	< 0.3	< 0.3
	Return Loss	1310nm LD light source	> 50	> 60
Environmental Performance(Max. Insertion Loss change)	Thermal Age	+85oC,168 hours	0.2	
	Thermal Cycle	-40-+75oC, 21 Cycles 168 hours	0.2	
	Humidity Aging	+75oC, 95%R.H,168 hours	0.2	
	Humidity/Condensation Cycling	-10-+65oC, 90%~100%RH, 14 cycles 168 hours	0.2	
Mechanical Performance( Max. Insertion Loss change)	Vibration	10-55Hz, 1.5mm(p-p)	0.2	
	Flex	0.9kgf,-90o ~+ 90o repeat for 100 cycles	0.2	
	Twist	1.35kgf, 900o,10times	0.2	
	Proof	0o, 6.8kgf; 90o,3.4kgf	0.2	
	Impact	H=1.5M,Total of 8 impacts	0.2	
	Exchangeability	Randomly	0.2	
	Durability	500 times	0.2	

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Haberleşme sistemlerinde **yüksek performansı** yakalayın

