

Fiber Connector

Features:

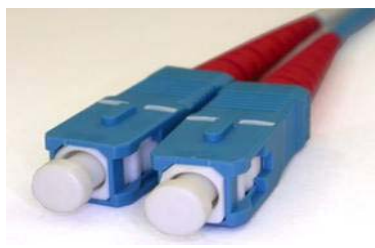
Low insertion loss;
High return loss;
Excellent stability and reliability

Applications:

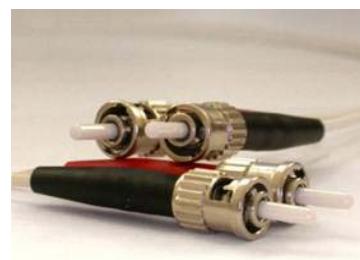
Testing equipment
LIN
CATV



FC/APC



SC/UPC



ST/UPC

Parameter		Testing condition	FC, SC, ST/UPC	FC, SC/APC
Optical Performance	Max Insertion loss(db)	light source:1.3um(LED)	0.3	0.3
	Min Insertion loss(db)	light source:1.3um(LD)	50	60
Mechanical performance	Reciprocation	Free Reciprocation	0.2	
	Aseismation	10~58Hz, swing 1.5mm	0.2	
	Repetition	>1000	0.1	
Environment	High Temperature	+85℃, 100 hours	0.2	
	Low Temperature	-40℃, 100 hours	0.2	
	Temperature Circle	-40~80℃, 5 times circle	0.2	
	Humidity	+25~65℃, 93%R. H. 100 hours	0.2	



LC/UPC



LC/APC



MU/UPC

Parameter		Testing condition	LC, MU/UPC	LC/APC
Optical performance	Max Insertion loss(db)	Light source:1.3um(LED)	0.3	0.3
	Min Insertion loss(db)	Light source:1.3um(LD)	50	60
Mechanical performance	Reciprocation	connect randon	0.2	
	Aseismation	10~58Hz, swing 1.5mm	0.2	
	Repetition	>1000	0.1	
Environment	High Temperature	+85℃, 100 hours	0.2	
	Low Temperature	-40℃, 100 hours	0.2	
	Temperature Circle	-40~80℃, 5 times circle	0.2	
	Humidity	+25~65℃, 93%R. H. 100 hours	0.2	



MTRJ



MPO

Parameter		MTRJ	MPO
Wavelength	nm	1310 , 1550	1310 , 1550
Insertion loss	db	0.3	0.3
Return loss	Single Mode	>35	>35
			>30
	Multi Mode	>25	>25
Operating temperature	°C	-20~75	-20~75
Storage temperature	°C	-40~85	-40~85

HC-①①-②-③-④-⑤-⑥

①①Mode	②Fiber type	③Core Number	④Fiber length	⑤Connector type	⑥Connection
S=Single mode	1=250um bare fiber	1=1 core	1=1m	FC=FC/UPC	S=Pigtail
M=Multi mode	9=900um loose tube	2=2 core	2=2m	FC=FC/APC	D=Patch Core
	2=2.0mm tube	4=four core	3=5m	SC=SC/UPC	
	3=3.0m tube	8=8 core	4=10m	SC=SC/APC	
	S=Specify	10=10 core	S=Specify	LC=LC/UPC	
		12=12 core		LC=LC/APC	
		S=Specify		MU=MU	
				ST=ST	
				SM=SMA	
				MP=MPO	