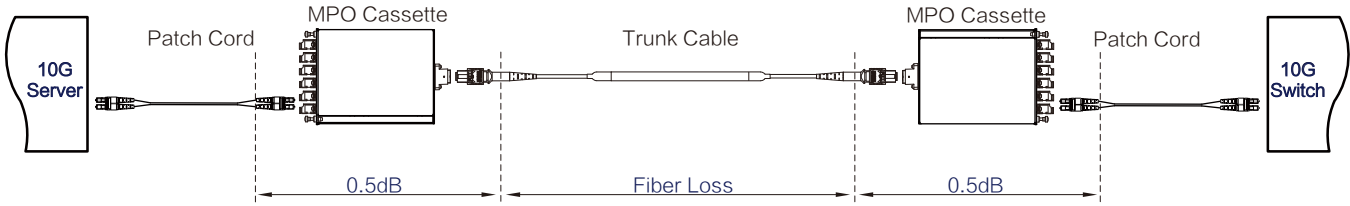


连接器耦合配对 Connector mated pairs	Multimode(OM3/OM4)		Singlemode(OS2)	
	Standard Insertion Loss	FL Low Loss IL(Max.)	Standard Insertion Loss	FL Low Loss IL(Max.)
LC	0.3dB	0.15dB	0.3dB	0.15dB
MPO	0.75dB	0.35dB	0.75dB	0.35dB

预端接光纤模组 MPO Modules	Multimode(OM3/OM4)		Singlemode(OS2)	
	Standard Insertion Loss	FL Low Loss IL(Max.)	Standard Insertion Loss	FL Low Loss IL(Max.)
MPO-LC	1.05dB	0.5dB	1.05dB	0.5dB


FL PTF Maximum Channel Loss = Fiber Loss + 1.0dB



Test and Standard reference

	ST			SC			FC			LC			MTP/MPO		
Intermateability standard Stretch test	TIA/EIA-604-2			TIA/EIA-604-3			TIA/EIA-604-4			TIA/EIA-604-10			TIA/EIA-604-5		
Insertion Loss & Return Loss	Typical IL	Max. IL	Max. RL	Typical IL	Max. IL	Max. RL	Typical IL	Max. IL	Max. RL	Typical IL	Max. IL	Max. RL	Typical IL	Max. IL	Max. RL
Singlemode (UPC)	≤0.15dB	≤0.2dB	≥55dB	≤0.15dB	≤0.2dB	≥55dB	≤0.15dB	≤0.2dB	≥55dB	≤0.15dB	≤0.2dB	≥55dB	≤0.35dB	≤0.75dB	≥55dB
Singlemode (APC)	N/A	N/A	N/A	≤0.15dB	≤0.2dB	≥60dB	≤0.15dB	≤0.2dB	≥60dB	≤0.15dB	≤0.2dB	≥60dB	≤0.35dB	≤0.50dB	≥60dB
Multimode (PC)	≤0.25dB	≤0.3dB	N/A	≤0.25dB	≤0.3dB	N/A	≤0.25dB	≤0.3dB	N/A	≤0.25dB	≤0.3dB	N/A	≤0.4dB	≤0.5dB	N/A
Thermal age : GR-326-CORD 4.4.2.1	168 hours@85°C < 0.2dB Change														
Temperature Cysling: IEC 60603-7-4	-40°C to 70°C,30min. 25 cycles < 0.2dB Change														
Damp Heat : IEC 60603-7-4	+65°C at 93% RH. 12 hours, +25°C at 93% RH. 10 hours, -10°C, 2 hours. 21 cycles < 0.25dB Change														
Salt Spray test : IEC 60068-2-11	Saline concentration : 5% PH:6.8±0.45, value of spray: 1.0-2.0mL 80CM ² /H, Test hours: 8H;24H;48;96H														

3D Interferometer

APC Polish Angle	8°(APC) ± 0.3°			
Ferrule radius of curvature	PC Polosh: ψ 2.5mm(ST/SC Ferrule) 10 < R < 25mm , ψ 1.25mm(LC Ferrule) 7 < R < 25mm(PC) , 5 < R < 12mm(APC)			
Apex Offset	PC: < 50 μm			
Protrusion	PC: < 50nm, APC: < 100nm			
Undercut	PC: < 50nm, APC: < 100nm			
MT Ferrule 	12C		24C	
	Multimode	Singlemode APC	Multimode	Singlemode APC
X Radius of Curvature(mm)	MM:>1000	APC:>1000	MM:>1000	APC:>1000
Y Radius of Curvature(mm)	MM:>100	APC:>100	MM:>100	APC:>100
X Endface Ang(degree)	MM:-0.2°~0.2°	APC:-0.2°~0.2°	MM:-0.2°~0.2°	APC:-0.2°~0.2°
Y Endface Ang(degree)	MM:-0.2°~0.2°	SM:7.7°~8.3°	MM:-0.2°~0.2°	SM:7.7°~8.3°
Flatness Deviation(μm)	MM:-0.5~0.5	APC:-0.5~0.5	MM:-0.5~0.5	APC:-0.5~0.5
Max. Difference Fiber Height(μm)	MM:0~0.3	APC:0~0.3	MM:0~0.3	APC:0~0.3
Planar Difference Height Total(μm)	MM:0~1.0	APC:0~1.0	MM:0~1.0	APC:0~1.0
Fiber Protrusion(μm)	MM:1.0~3.0	APC:1.0~3.0	MM:1.0~3.0	APC:1.0~3.0
Fiber Core Dip(μm)	MM:-0.1~0.1	SM:-0.1~0.1	MM:-0.3~0.3	SM:-0.3~0.3