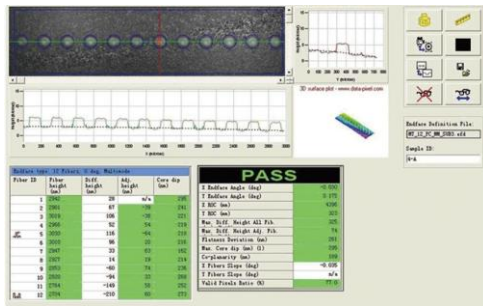


MASTER JUMPER - MTP



12 FIBERS



24 FIBERS



MTP 12 FIBERS



MTP 24 FIBERS

FEATURES

- Compliant with IEC 61754, IEC 61755, IA-604, and GR-1435-CORE standards
- Low insertion loss and high return loss performance
- Excellent end face geometry characteristics

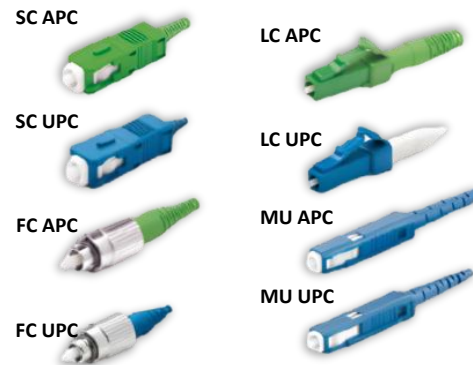
SPECIFICATIONS

Fiber Mode		SM	MM
Optical Performance	Insertion Loss (dB)	≤0.35	≤0.35
	Return Loss (dB)	APC: ≥60 UPC: ≥50	≥25
Geometric Parameter	RX (mm)	> 2000	> 2000
	RY (mm)	>60	>60
	Fiber Height (nm)	1000 ~ 2500	1000 ~ 2500
	Max. Diff. Height All (nm)	<400	<400
	Max. Diff. Height Adj. (nm)	< 200	< 200
	X Axis Angle (°C)	-0.15 ~ +0.15	-0.15 ~ +0.15
	Y Axis Angle (°C)	APC: 7.85~ 8.15 UPC: -0.15 ~ +0.15	APC: 7.85~ 8.15 UPC: -0.15 ~ +0.15
	Core Dip (nm)	N/A	-50 ~ 100
	Tip Radius (nm)	>1	>1
Connector		Male: With Pins Female: Without Pins	

Note : Specifications are subject to change without notice



MASTER JUMPER – FC, SC, MU AND LC



FEATURES

- Compliant with IEC 61754 and IEC 61755 standards
- Low insertion loss and high return loss
- Excellent end-face geometry
- Fiber cord eccentricity testing
- Available in FC, SC, MU, and LC connector types

SPECIFICATIONS

Fiber End Face		UPC	APC
Optical Performance	Insertion Loss (dB)	≤ 0.10	≤ 0.10
	Return Loss (dB)	≥ 55 (SM) ≥ 35 (MM)	≥ 65 (SM)
Geometric Parameter	Radius of Curvature (mm)	10 ~ 25 (SC) 7 ~ 20 (LC)	6 ~ 11 (SC,LC)
	Apex Offset (um)	≤ 30	≤ 30
	Fiber Height (Spherical) (um)	± 50	
	Angular Error (°C)	N/A	8 ± 0.3
Tuning Parameter (SM)	Eccentricity(Fiber Core to Ferrule) (um)	≤ 0.3 (P grade), ≤ 0.6 (A grade)	
	Fiber Core Polar Angular (°C)	50	