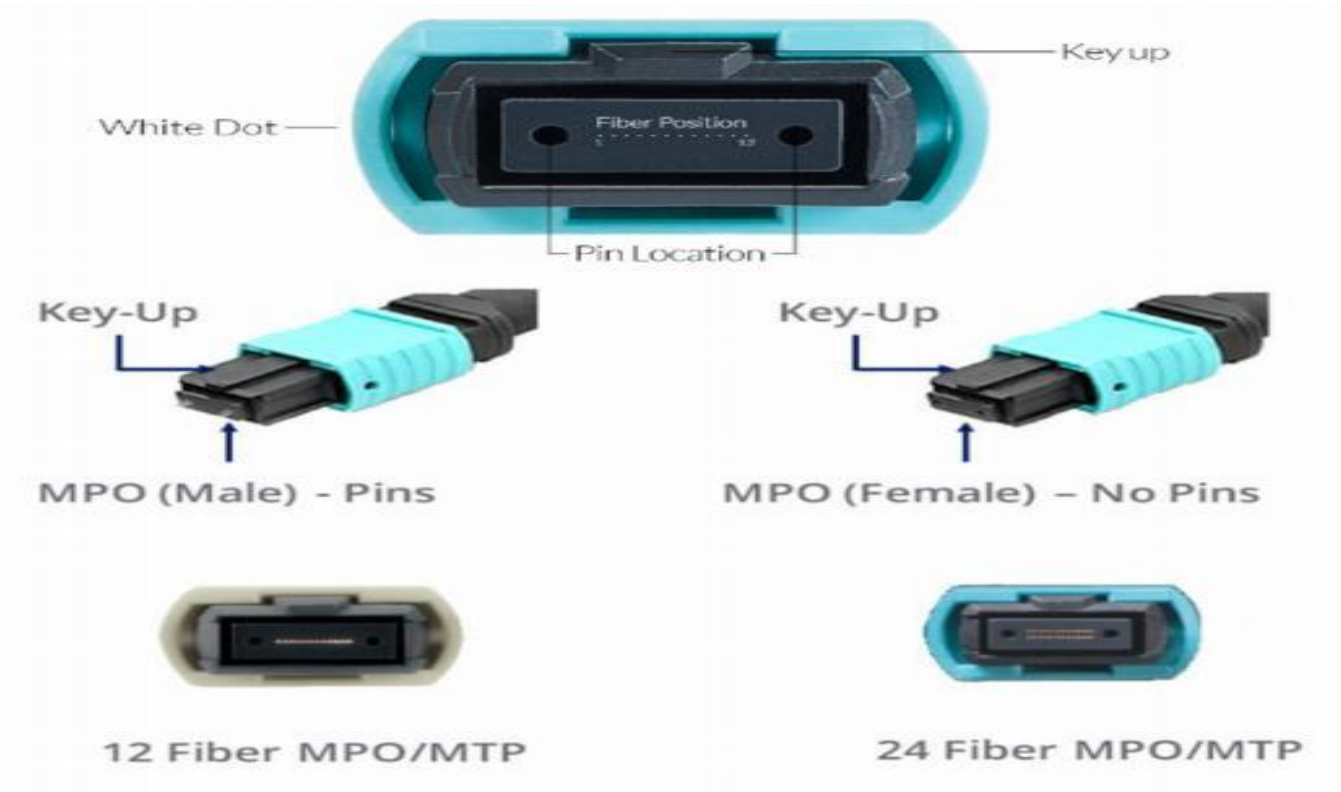




MTP-MTP Fiber Patch Cord Datasheet

Structure for MTP/MPO connector:



MTP Specification:

MPO Connector		Standard MT Ferrule		Low Loss MT Ferrule		Standard MM MT Ferrule	Low Loss MM MT Ferrule
Polish		UPC	APC	UPC	APC		
Insertion Loss(dB)	Typical	≤0.5		≤0.3		≤0.5	≤0.3
	Maximum	≤0.7		≤0.5		≤0.7	≤0.5
Return Loss(dB)		≥45	≥60	≥45	≥60	≥20	≥20
Exchangeability (dB)		≤0.3					
Durability(dB)		≤0.2dB(500 matings,per EIA-455-21A)					
Tensile Strength (N)		≤66					
Operating Temperature (°C)		-20~+60					
Storage Temperature (°C)		-40~+80					



Datasheet for MTP cable:

Model		SM	MM
Connector A:MPO/MTP			
Connector Fiber Count		8,12,24,48 Core	
Polish		PC,APC	PC
Insertion Loss	Standard	≤0.70dB	≤0.50dB
	Elite Low Loss	≤0.35dB	≤0.30dB
Return Loss		PC≥50dB,APC≥60dB	≥30dB
Durability(500 Matings)		≤0.2dB	
Test Wavelength		1310/1550nm	850/1300nm
Connector B:LC,LC Uniboot,SC,FC,ST			
Polish		PC,APC	PC
Insertion Loss		≤0.2dB	≤0.2dB
Return Loss		PC≥50dB,APC≥60dB	≥35dB
Durability(500 Matings)		≤0.2dB	
Test Wavelength		1310/1550nm	850/1300nm

