



MPO (position)	Fiber Color	LC DX (position)
1	BLUE	1-B
2	ORANGE	1-A
3	GREEN	2-B
4	BROWN	2-A
5	NA	NA
6	NA	NA
7	NA	NA
8	NA	NA
9	YELLOW	3-B
10	VIOLET	3-A
11	ROSE	4-B
12	AQUA	4-A

MT ENDFACE GEOMETRY (VIEWED AT MINIMUM 400X MAGNIFICATION)	
PARAMETER	REQUIREMENT
RX=RADIUS OF CURVATURE X	RX MIN. 2000mm
RY=RADIUS OF CURVATURE Y	RY MIN. 50mm
GX=ENDFACE ANGLE X	-0.2° ≤ GX ≤ 0.2°
GY=ENDFACE ANGLE Y	-0.2° ≤ GY ≤ 0.2°
H=FIBER PROTRUSION HEIGHT	1000nm ≤ GY ≤ 3000nm
HA=FIBER PROTRUSION DIFFERENTIAL TOTAL	HA ≤ 300nm
HB=FIBER PROTRUSION DIFFERENTIAL ADJACENT	HB ≤ 300nm
FIBER CORE DIP	CD ≤ 250nm

**Remark:**

- OM3 is 2000MHz\*km, Cable Color Aqua
- OM2 is 500MHz\*km, Cable Color Orange
- LC MM DX Beige Housing and White Boot
- LC MM IL < 0.25dB, RL > 25dB

FIBER COUNT	DESCRIPTION	MTP COLOR	MODE	INSERTION LOSS	RETURN LOSS	WAVE LENGTH
8	50/125 OM3	AQUA	MM	MPO ≤ 0.60dB		
8	62.5/125	BEIGE	MM	MPO ≤ 0.60dB	MPO ≥ 25 dB	850nm
8	50/125	BEIGE				
8	9/125 SM	GREEN	SM	MPO ≤ 0.70dB	MPO ≥ 40 dB	1310nm

LENGTH (L)	TOLERANCE
< 1M	+150mm/-0
≥ 1M < 10M	+150mm/-50mm
≥ 10M < 30M	+150mm/-50mm
≥ 30M	+1%/-0

Tolerances unless otherwise specified:	
Units	mm
Version	
Scale	

