



## MPO/LC Trunk Fiber Patch Cord OM4 M/M 3M

The equip MTP/LC Trunk Fiber Patch Cord OM4 is a pre-terminated optical fiber cabling system, specifically designed to satisfy the increasing demand for high bandwidth and high density in data center network and enterprise building application.

### | Specification

Type	MPO/LC
Core Diameter	50/125 $\mu$ m

### | Ordering Information

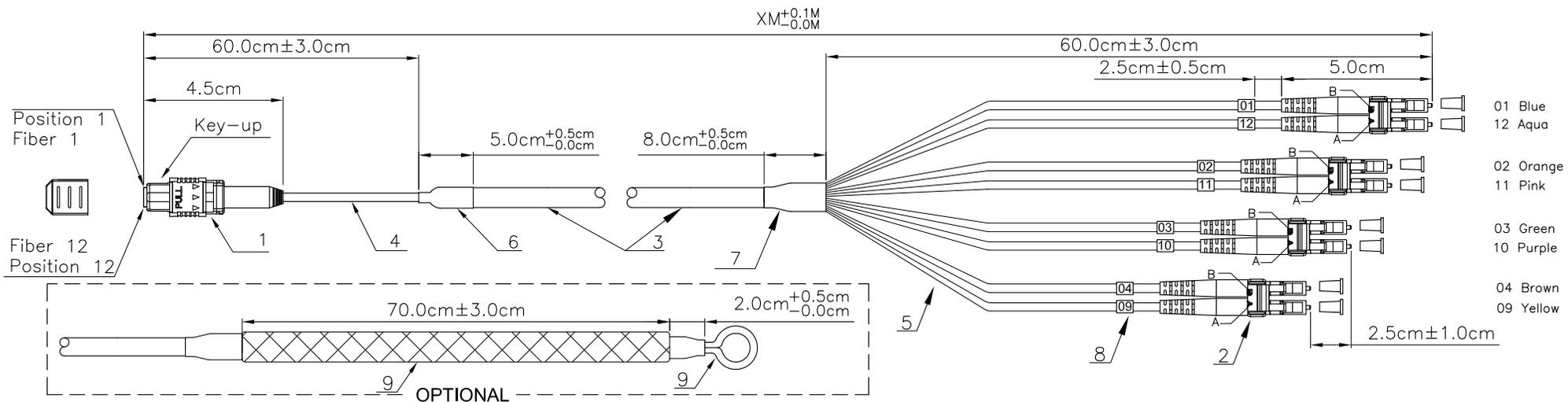
Length (meter)	PN
3	25558307

### | Key Features

- MPO/LC trunk fiber connection (MPO Connector Female)
- 12 fiber MM black (PPS)
- OM4: 50/125 $\mu$ m
- Heat shrink tubing length: 5.0cm
- Fiber overcut (MTP): 1.0~ 3.0 $\mu$ m
- Cable jacket color: Aqua
- Compliance with RoHS, REACH

### | Package Contents

- 1 x MPO/LC Trunk Fiber Patch Cord OM4 M/M 3M



Specification :

Material :

1. MPO(Short boot) Connector : Female

Mode	MT Ferrule	Housing	Boot	Cap
MM	12 Fibers MM Black(PPS)	Aqua/Violet(PBT)	Black(TPV)	Black(TPV)
MM Low Loss	12 Fibers MM Low Loss Black(PPS)	Aqua/Violet(PBT)	Black(TPV)	Black(TPV)
SM APC	12 Fibers SM Black(PPS)	Green(PBT)	Black(TPV)	Black(TPV)
SM Low Loss	12 Fibers SM Low Loss Black(PPS)	Yellow(PBT)	Black(TPV)	Black(TPV)

2. LC Connector :

Mode	Ferrule	Housing	Clip	Boot	Cap
MM	Zirconia(ø1.25mm)	Ivory(PC)	Ivory(PP)	White(TPE)	White(PE)
MM Low Loss	Zirconia(ø1.25mm)	Ivory(PC)	Ivory(PP)	White(TPE)	White(PE)
SM	Zirconia(ø1.25mm)	Blue(PC)	Blue(PP)	White(TPE)	White(PE)
APC	Zirconia(ø1.25mm)	Green(PC)	Green(PP)	White(TPE)	White(PE)

3&4. Cable Type : 8C ø6.5mm Trunk Cable with ø3.0mm Round Cable

5. Tubing Type : ø2.0mm Tubing

Category	Cable O.D.	Tubing O.D.	Jacket Material	Color
OM3(50/125um)	ø 3.0mm	ø2.0mm	PVC OFNR/PVC OFNP/LSFRZH	Aqua
OM4(50/125um)	ø 3.0mm	ø2.0mm	PVC OFNR/PVC OFNP/LSFRZH	Aqua/Violet

6. Heat Shrink Tubing Length : 5.0cm

7. Heat Shrink Tubing Length : 8.0cm

8. Marking Tubing Length : 1.0cm

9. Pulling Eye Cable Jacket : Black Color, NYLON Material.

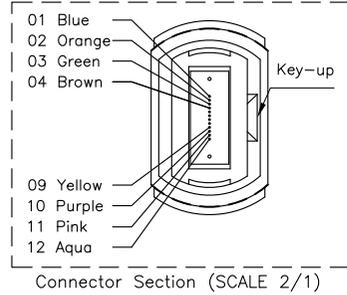
Performance :

a. Insertion Loss & Return Loss :

	MM	MM Low Loss	SM	SM Low Loss
IL(MPO)	<0.5 dB	<0.35 dB	APC<0.75 dB	APC<0.35 dB
IL(LC)	<0.5 dB	<0.15 dB	<0.3 dB	<0.3 dB
RL(MPO)	>20 dB	>20 dB	APC>60 dB	APC>60 dB
RL(LC)	>35 dB	>35 dB	UPC>55 dB,APC>60 dB	UPC>55 dB,APC>60 dB

Performance :

- b. Fiber Overcut(MPO) : 1.0~3.0um
- c. Fiber Extension(LC): -0.05um < H < +0.05um
- d. ø1.25mm Ferrule End-face Radius: 7 < R < 25mm
- ø1.25mm/APC Ferrule End-face Radius: 5 < R < 12mm
- e. Apex Offset : < 50um
- f. Insertion Loss will be Increased after 500 mating: 0.2 dB Max
- g. Operating Temperature: -20°C to +70°C
- h. Storage Temperature: -40°C to +80°C



GENERAL TOLERANCE OF DIMENSIONS X.XXX ±0.005 X.XX ±0.05 X.X ±0.1	DRAWING	12.DEC.2019	YMN		
	CHECK	12.DEC.2019	DAY		
	APPROVAL	12.DEC.2019	FRANK		
	DATE		NAME		ITEM NO.: Trunk Harness-2(2.0mm)
SCALE		1/2(A4)	UNIT	mm	DES.: Trunk Harness 8C 12F MPO(F) to 4x4 LC for QSFP
		DRAWING NO.		Trunk Harness 8C 12F MPO(F) to 4x4 LC for QSFP(SA1)	
		DRAWING CLASSIFICATION		S	SHEET 1 OF 1