

Specification :

Material :

1. MTP Connector : Female

Mode	MT Ferrule	Housing	Boot	Cap
MM Low Loss	12 Fibers MM Low Loss Black(PPS)	Violet(PBT)	Black(TPR)	Black(TPR)

2. LC Short boot Connector :

Mode	Ferrule	Housing	Clip	Boot	Tube	Cap
MM Low Loss	Zirconia(ø1.25mm)	Ivory(PC)	Ivory(PP)	White(TPE)	White/Yellow(PVC)	White(PE)

3. Cable Type : 8C ø3.0mm Round Cable

4. Tubing Type : ø2.0mm Tubing

Category	Cable O.D.	Tubing O.D.	Jacket Material	Color
OM4(50/125um)	ø3.0mm	ø2.0mm	LSFRZH	Violet

5. Heat Shrink Tubing Length : 8.0cm

6. Marking Tubing Length : 1.0cm

Performance :

a. Insertion Loss & Return Loss :

	MM Low Loss
IL(MTP)	<0.35 dB
IL(LC)	<0.15 dB
RL(MTP)	>20 dB
RL(LC)	>35 dB

b. Fiber Overcut(MTP) : 1.0~3.0um

c. Fiber Extension(LC): -0.05um < H < +0.05um

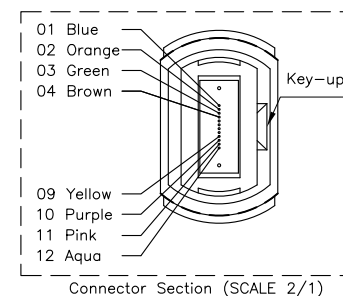
d. ø1.25mm Ferrule End-face Radius: 7 < R < 25mm

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



Part Number	Length
RL7841	1M
RL7842	2M
RL7843	3M
RL7845	5M

"#" : Matching DIM. "*" : Important DIM. Others General DIM.	DRAWING	29.JAN.2018	YMN	AG	
	CHECK	29.JAN.2018	DAY		
	APPROVAL	29.JAN.2018	JAIMY		
GENERAL TOLERANCE OF DIMENSIONS X.XXX ±0.005 X.XX ±0.05 X.X ±0.1	SCALE	1/2(A4)	UNIT	mm	ITEM NO.:
	DRAWING NO.		Harness OM4 8C 12F MTP(F) to 4x4X LC Short Boot Low Loss for QSFP(S01)		DES.:
DRAWING CLASSIFICATION		S	SHEET	1 OF 1	01