

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

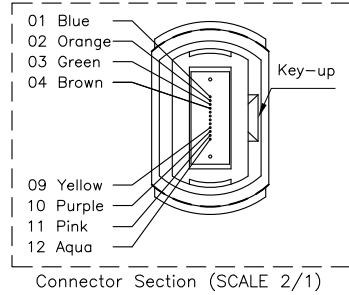
8. Marking Tubing Length : 1.0cm

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	
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