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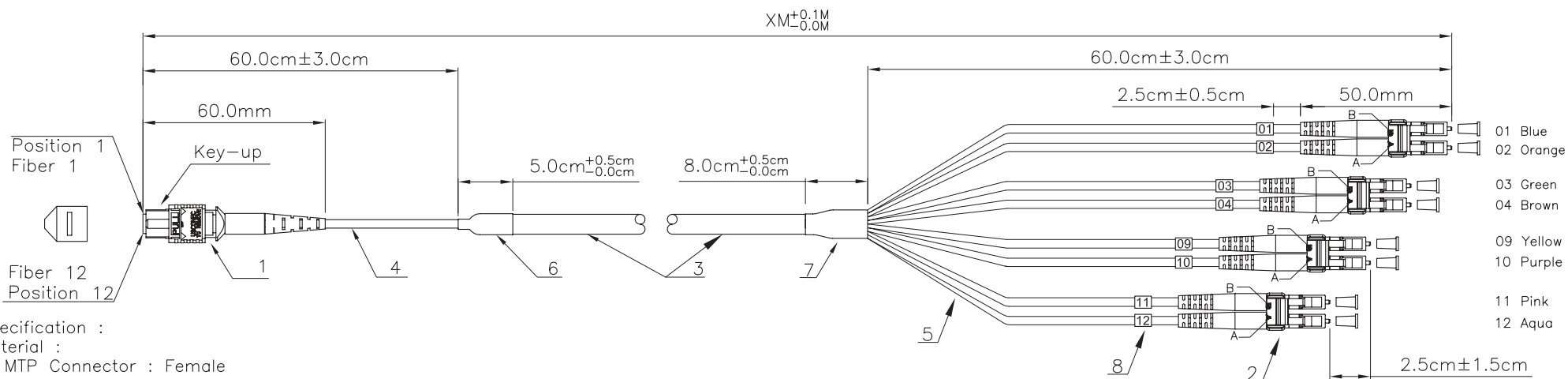
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Specification :

Material :

1. MTP Connector : Female

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

2. LC Connector :

Mode	Ferrule	Housing	Clip	Boot	Cap
MM	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 : 12C Ø6.5mm Trunk Cable with Ø3.0mm Round Cable

5. Tubing Type : Ø2.0mm Tubing

Category	Jacket O.D.	Jacket Material	Color
OM1(62.5/125um)	Ø6.5mm&Ø3.0mm&2.0mm	PVC OFNR/PVC OFNP/LSFRZH	Orange
OM2(50/125um)	Ø6.5mm&Ø3.0mm&2.0mm	PVC OFNR/PVC OFNP/LSFRZH	Orange
OM3(50/125um)	Ø6.5mm&Ø3.0mm&2.0mm	PVC OFNR/PVC OFNP/LSFRZH	Aqua
OM4(50/125um)	Ø6.5mm&Ø3.0mm&2.0mm	PVC OFNR/PVC OFNP/LSFRZH	Aqua
G.652D(9/125um)	Ø6.5mm&Ø3.0mm&2.0mm	PVC OFNR/PVC OFNP/LSFRZH	Yellow
G.657A2(9/125um)	Ø6.5mm&Ø3.0mm&2.0mm	PVC OFNR/PVC OFNP/LSFRZH	Yellow

6. Heat Shrink Tubing Length : 5.0cm

7. Heat Shrink Tubing Length : 8.0cm

8. Marking Tubing Length : 1.0cm

Performance :

a. Insertion Loss & Return Loss :

	MM	MM Low Loss	SM	SM Low Loss
IL(MTP)	<0.5 dB	<0.35 dB	APC<0.75 dB	APC<0.35 dB
IL(LC)	<0.5 dB	<0.20 dB	<0.3 dB	<0.3 dB
RL(MTP)	>20 dB	>20 dB	APC≥60 dB	APC≥60 dB
RL(LC)	>35 dB	>35 dB	SPC≥45 dB,UPC≥55 dB APC≥60 dB	SPC≥45 dB,UPC≥55 dB APC≥60 dB

Performance :

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

c. Fiber Extension: -0.05um < H < +0.05um

d. Ø1.25mm Ferrule End-face Radius: 7 < R < 25mm

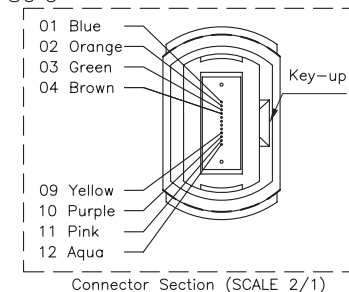
Ø1.25mm/APC Ferrule End-face Radius: 5 < R < 12mm

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



Connector Section (SCALE 2/1)

