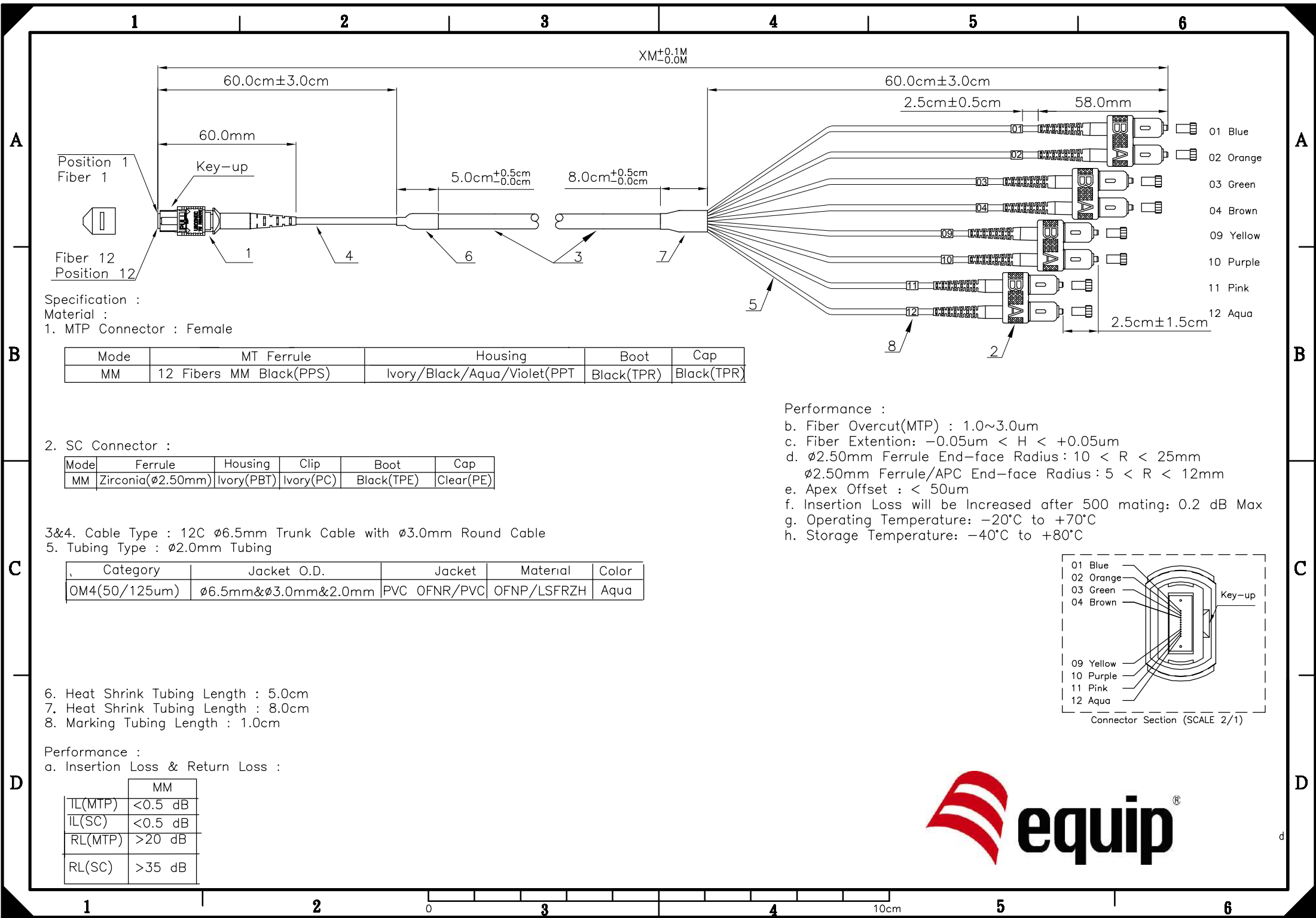




Specification :  
Material :  
1. MTP Connector : Female

| Mode | MT Ferrule              | Housing                      | Boot       | Cap        |
|------|-------------------------|------------------------------|------------|------------|
| MM   | 12 Fibers MM Black(PPS) | Ivory/Black/Aqua/Violet(PPT) | Black(TPR) | Black(TPR) |

2. SC Connector :

| Mode | Ferrule           | Housing    | Clip      | Boot       | Cap       |
|------|-------------------|------------|-----------|------------|-----------|
| MM   | Zirconia(ø2.50mm) | Ivory(PBT) | Ivory(PC) | Black(TPE) | Clear(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 |
|---------------|---------------------|--------------|-------------|-------|
| OM4(50/125um) | ø6.5mm&ø3.0mm&2.0mm | PVC OFNR/PVC | OFNP/LSFRZH | Aqua  |

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      |
|---------|---------|
| IL(MTP) | <0.5 dB |
| IL(SC)  | <0.5 dB |
| RL(MTP) | >20 dB  |
| RL(SC)  | >35 dB  |

Performance :

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

c. Fiber Extension:  $-0.05\mu\text{m} < H < +0.05\mu\text{m}$

d. ø2.50mm Ferrule End-face Radius:  $10 < R < 25\text{mm}$

ø2.50mm Ferrule/APC End-face Radius:  $5 < R < 12\text{mm}$

e. Apex Offset :  $< 50\mu\text{m}$

f. Insertion Loss will be Increased after 500 mating: 0.2 dB Max

g. Operating Temperature:  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$

h. Storage Temperature:  $-40^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$

