



Specification:

1. ST Connector :

Mode	Ferrule	Housing	Boot	Cap
MM	Zirconia(ϕ 2.50mm)	Metal	Red/Black(TPE)	Clear(PE)
SM	Zirconia(ϕ 2.50mm)	Metal	Red/Black(TPE)	Clear(PE)

2. SC Connector :

Mode	Ferrule	Housing	Clip	Boot	Cap
MM	Zirconia(ϕ 2.50mm)	Ivory(PBT)	Ivory(PC)	Red/Black(TPE)	Clear(PE)
SM	Zirconia(ϕ 2.50mm)	Blue(PBT)	Blue(PC)	Red/Black(TPE)	Clear(PE)

3. Cable Type : Zipcord

Category	Jacket O.D.	Jacket Material	Color
OM1(62.5/125um)	ϕ 2.0mm/ ϕ 3.0mm	PVC OFNR/PVC OFNP/LSFRZH	Orange
OM2(50/125um)	ϕ 2.0mm/ ϕ 3.0mm	PVC OFNR/PVC OFNP/LSFRZH	Gray/Orange
OM3(50/125um)	ϕ 2.0mm/ ϕ 3.0mm	PVC OFNR/PVC OFNP/LSFRZH	Aqua
OM4(50/125um)	ϕ 2.0mm/ ϕ 3.0mm	PVC OFNR/PVC OFNP/LSFRZH	Aqua/Violet
G.652D(9/125um)	ϕ 2.0mm/ ϕ 3.0mm	PVC OFNR/PVC OFNP/LSFRZH	Yellow
G.657A2(9/125um)	ϕ 2.0mm/ ϕ 3.0mm	PVC OFNR/PVC OFNP/LSFRZH	Yellow

4. Shrink Tube

5. Length : xM

Performance:

a. Insertion Loss :

a-1: Multimode<0.5 dB(Low loss<0.15 dB)

a-2: Singlemode<0.3 dB

b. Return Loss :

b-1: Singlemode/SPC>45 dB

b-2: Singlemode/UPC>55 dB

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

d. ϕ 2.50mm Ferrule End-face Radius : $10 < R < 25\text{mm}$

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

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

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

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