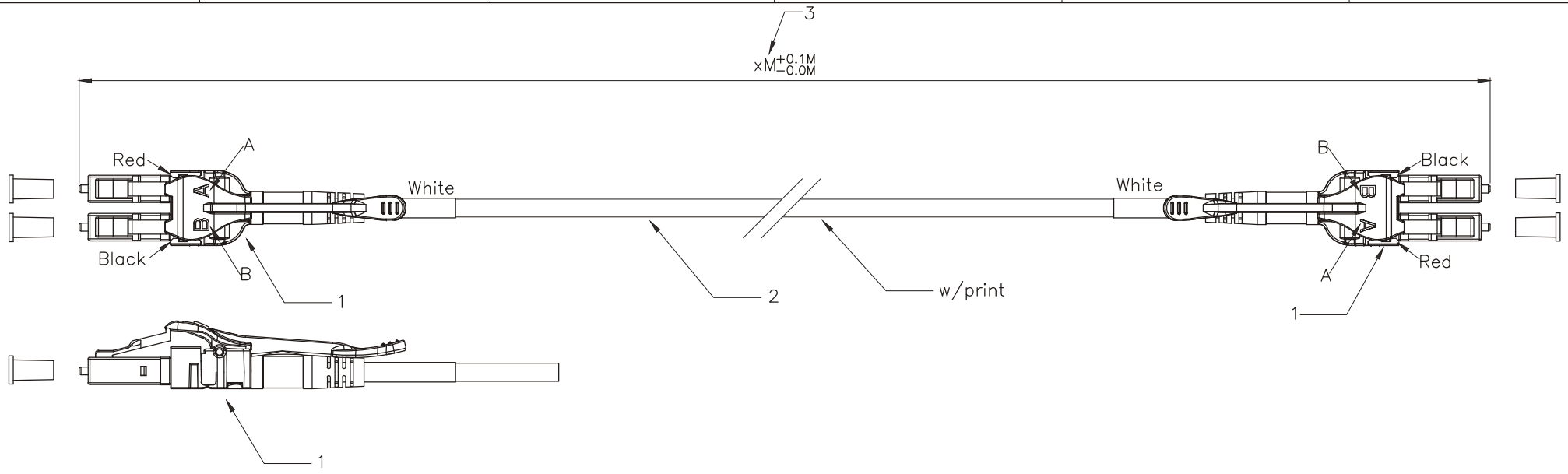

Specification:

1. LC Extractor Connector :

Mode	Ferrule	Housing	Stopper	Clip	Control	Boot	Tube	Cap
OM1/OM2	Zirconia(ø1.25mm)	Ivory(PC)	Red/Black(PC)	Ivory(ABS+PC)	Ivory(PC+10%)	White(TPE)	White(PVC)	White(PE)
OM3/OM4	Zirconia(ø1.25mm)	Aqua(PC)	Red/Black(PC)	Aqua(ABS+PC)	Aqua(PC+10%)	White(TPE)	White(PVC)	White(PE)
OM4	Zirconia(ø1.25mm)	Violet(PC)	Red/Black(PC)	Violet(ABS+PC)	Violet(PC+10%)	White(TPE)	White(PVC)	White(PE)
SM	Zirconia(ø1.25mm)	Blue(PC)	Red/Black(PC)	Blue(ABS+PC)	Blue(PC+10%)	White(TPE)	White(PVC)	White(PE)
APC	Zirconia(ø1.25mm)	Green(PC)	Red/Black(PC)	Green(ABS+PC)	Green(PC+10%)	White(TPE)	White(PVC)	White(PE)

2. Cable Type : Round Duplex

Category	Jacket O.D.	Jacket Material	Color
OM1(62.5/125um)	ø3.0mm	PVC OFNR/PVC OFNP/LSFRZH	Orange
OM2(50/125um)	ø3.0mm	PVC OFNR/PVC OFNP/LSFRZH	Gray/Orange
OM3(50/125um)	ø3.0mm	PVC OFNR/PVC OFNP/LSFRZH	Aqua
OM4(50/125um)	ø3.0mm	PVC OFNR/PVC OFNP/LSFRZH	Aqua/Violet
G.652D(9/125um)	ø3.0mm	PVC OFNR/PVC OFNP/LSFRZH	Yellow
G.657A2(9/125um)	ø3.0mm	PVC OFNR/PVC OFNP/LSFRZH	Yellow

3. 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
   b−3: Singlemode/APC>60 dB
c. Fiber Extention : −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

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Date	2016 / 12 / 12	Title:	Optical fiber cable LC / LC Uniboot
Unit	mm	Item no.	
Projection		Barcode	
Rev	A	File No.	