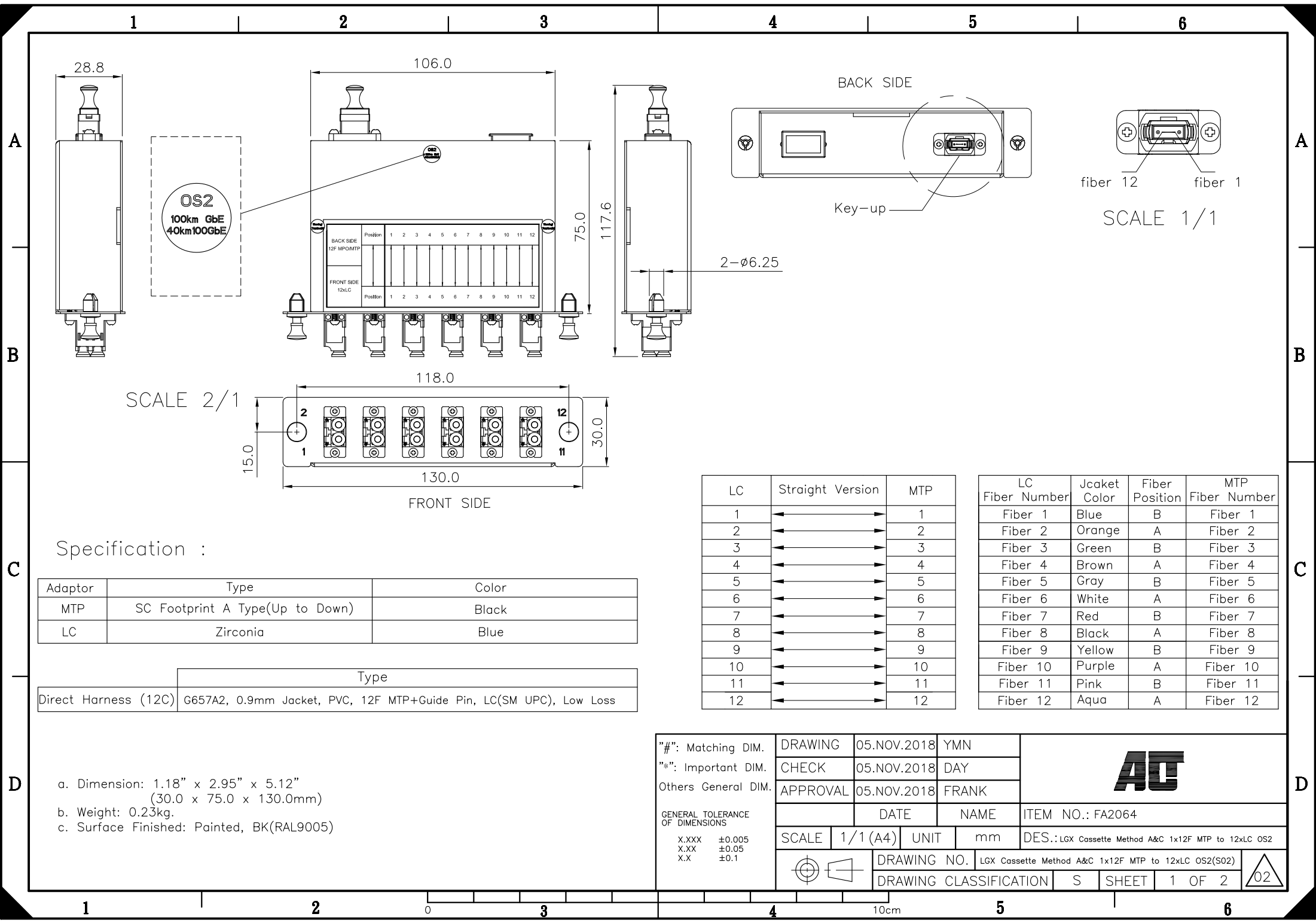




Specification :

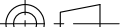
Adaptor	Type	Color
MTP	SC Footprint A Type(Up to Down)	Black
LC	Zirconia	Blue

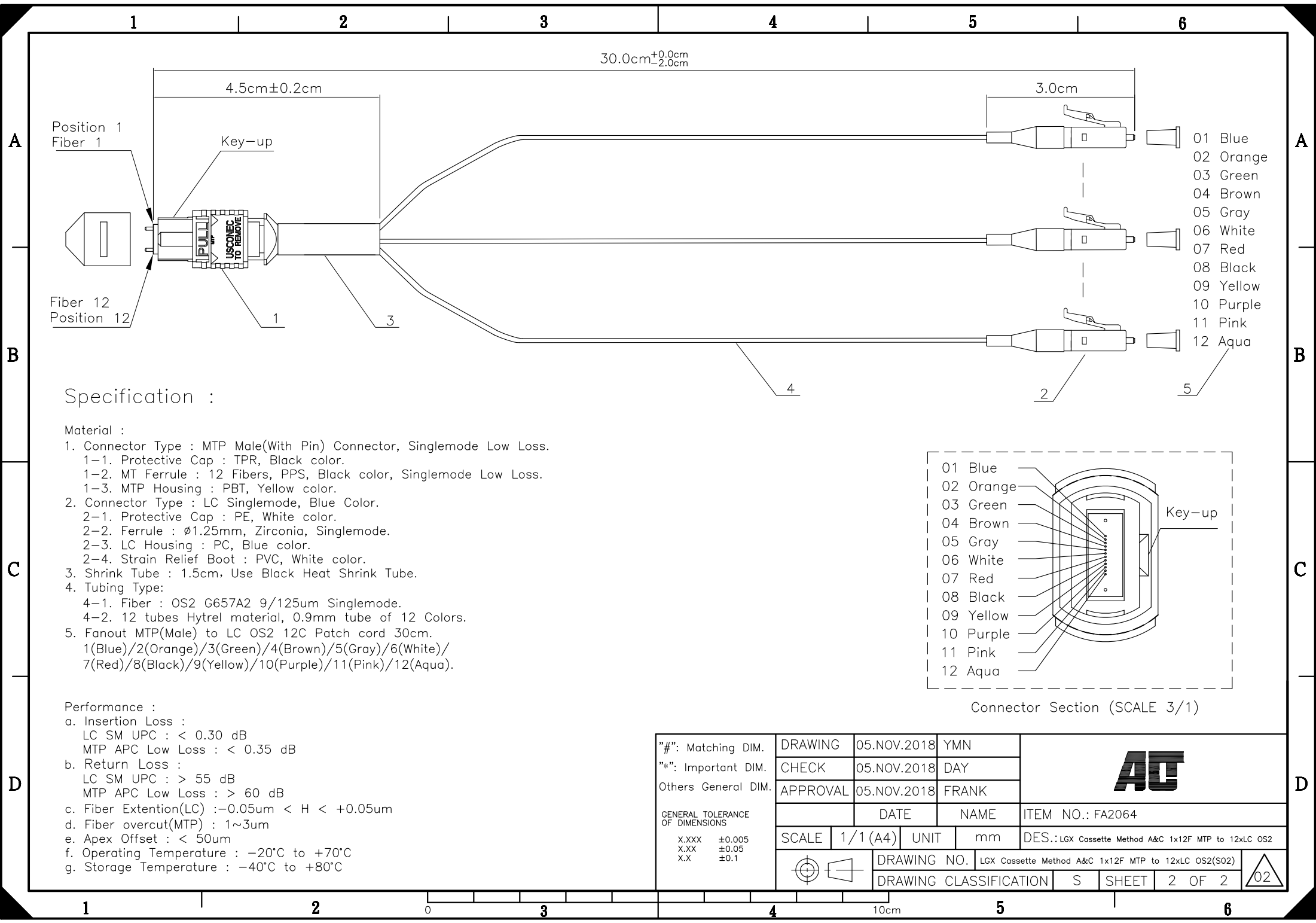
	Type
Direct Harness (12C)	G657A2, 0.9mm Jacket, PVC, 12F MTP+Guide Pin, LC(SM UPC), Low Loss

LC	Straight Version	MTP
1	←→	1
2	←→	2
3	←→	3
4	←→	4
5	←→	5
6	←→	6
7	←→	7
8	←→	8
9	←→	9
10	←→	10
11	←→	11
12	←→	12

LC Fiber Number	Jacket Color	Fiber Position	MTP Fiber Number
Fiber 1	Blue	B	Fiber 1
Fiber 2	Orange	A	Fiber 2
Fiber 3	Green	B	Fiber 3
Fiber 4	Brown	A	Fiber 4
Fiber 5	Gray	B	Fiber 5
Fiber 6	White	A	Fiber 6
Fiber 7	Red	B	Fiber 7
Fiber 8	Black	A	Fiber 8
Fiber 9	Yellow	B	Fiber 9
Fiber 10	Purple	A	Fiber 10
Fiber 11	Pink	B	Fiber 11
Fiber 12	Aqua	A	Fiber 12

- a. Dimension: 1.18" x 2.95" x 5.12"
(30.0 x 75.0 x 130.0mm)
- b. Weight: 0.23kg.
- c. Surface Finished: Painted, BK(RAL9005)

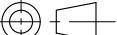
#": Matching DIM. ": Important DIM. Others General DIM.	DRAWING		05.NOV.2018		YMN								
	CHECK		05.NOV.2018		DAY								
	APPROVAL		05.NOV.2018		FRANK								
				DATE		NAME		ITEM NO.: FA2064					
GENERAL TOLERANCE OF DIMENSIONS		SCALE		1/1 (A4)		UNIT		mm		DES.: LGX Cassette Method A&C 1x12F MTP to 12xLC OS2			
X.XXX ±0.005 X.XX ±0.05 X.X ±0.1				DRAWING NO.			LGX Cassette Method A&C 1x12F MTP to 12xLC OS2(S02)						
					DRAWING CLASSIFICATION			S		SHEET		1 OF 2	



Specification :

- Material :
- 1. Connector Type : MTP Male(With Pin) Connector, Singlemode Low Loss.
 - 1-1. Protective Cap : TPR, Black color.
 - 1-2. MT Ferrule : 12 Fibers, PPS, Black color, Singlemode Low Loss.
 - 1-3. MTP Housing : PBT, Yellow color.
 - 2. Connector Type : LC Singlemode, Blue Color.
 - 2-1. Protective Cap : PE, White color.
 - 2-2. Ferrule : $\phi 1.25\text{mm}$, Zirconia, Singlemode.
 - 2-3. LC Housing : PC, Blue color.
 - 2-4. Strain Relief Boot : PVC, White color.
 - 3. Shrink Tube : 1.5cm. Use Black Heat Shrink Tube.
 - 4. Tubing Type:
 - 4-1. Fiber : OS2 G657A2 9/125um Singlemode.
 - 4-2. 12 tubes Hytel material, 0.9mm tube of 12 Colors.
 - 5. Fanout MTP(Male) to LC OS2 12C Patch cord 30cm.
 - 1(Blue)/2(Orange)/3(Green)/4(Brown)/5(Gray)/6(White)/7(Red)/8(Black)/9(Yellow)/10(Purple)/11(Pink)/12(Aqua).

- Performance :
- a. Insertion Loss :
 - LC SM UPC : < 0.30 dB
 - MTP APC Low Loss : < 0.35 dB
 - b. Return Loss :
 - LC SM UPC : > 55 dB
 - MTP APC Low Loss : > 60 dB
 - c. Fiber Extention(LC) : $-0.05\mu\text{m} < H < +0.05\mu\text{m}$
 - d. Fiber overcut(MTP) : $1\sim 3\mu\text{m}$
 - e. Apex Offset : < 50um
 - f. Operating Temperature : -20°C to $+70^{\circ}\text{C}$
 - g. Storage Temperature : -40°C to $+80^{\circ}\text{C}$

#": Matching DIM. ": Important DIM. Others General DIM.	DRAWING		05.NOV.2018		YMN						
	CHECK		05.NOV.2018		DAY						
	APPROVAL		05.NOV.2018		FRANK						
GENERAL TOLERANCE OF DIMENSIONS X.XXX ±0.005 X.XX ±0.05 X.X ±0.1			DATE		NAME		ITEM NO.: FA2064				
	SCALE	1/1 (A4)		UNIT	mm		DES.:LGX Cassette Method A&C 1x12F MTP to 12xLC OS2				
				DRAWING NO.		LGX Cassette Method A&C 1x12F MTP to 12xLC OS2(S02)					
				DRAWING CLASSIFICATION			S	SHEET	2 OF 2		