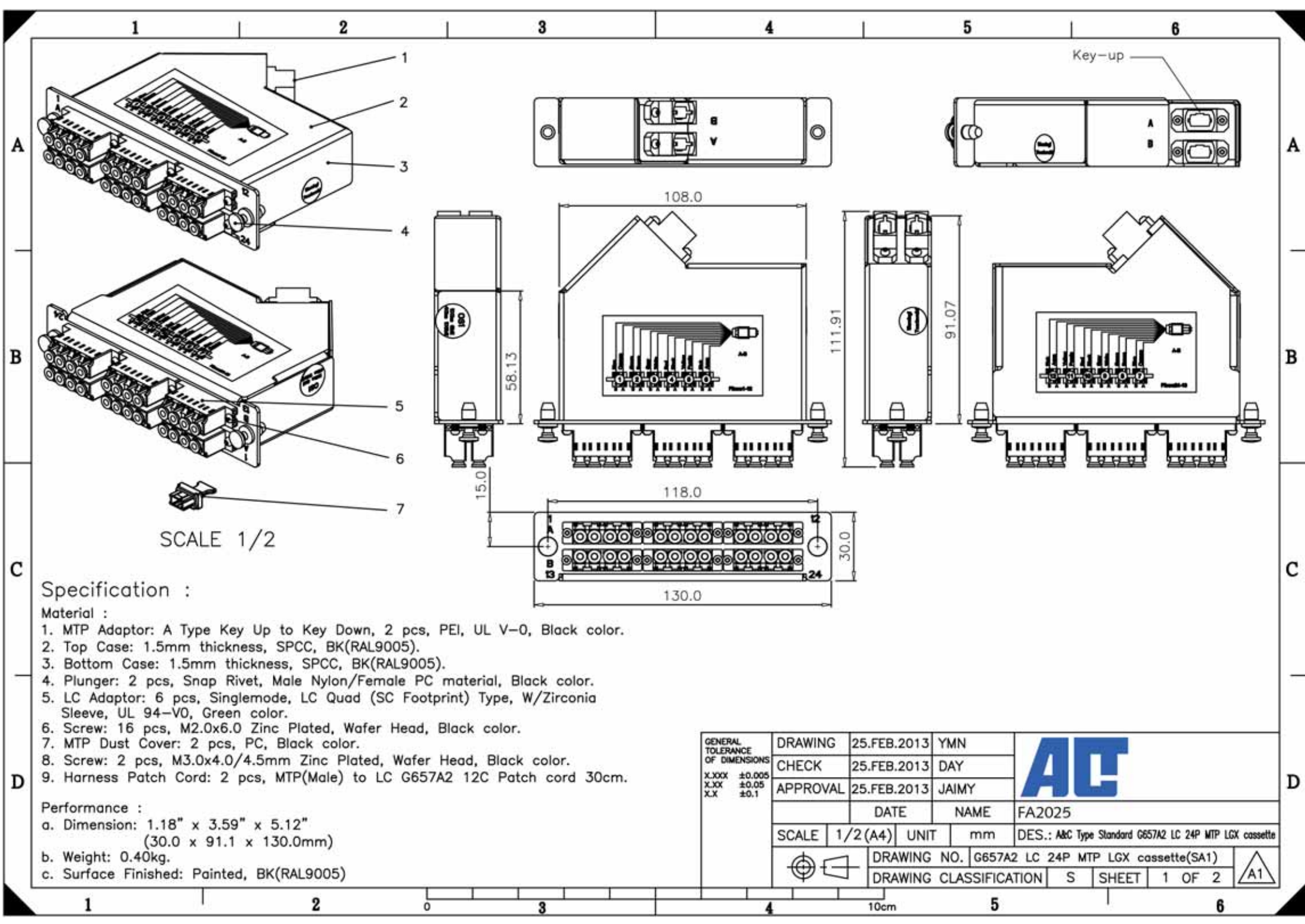




Specification :

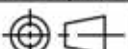
Material :

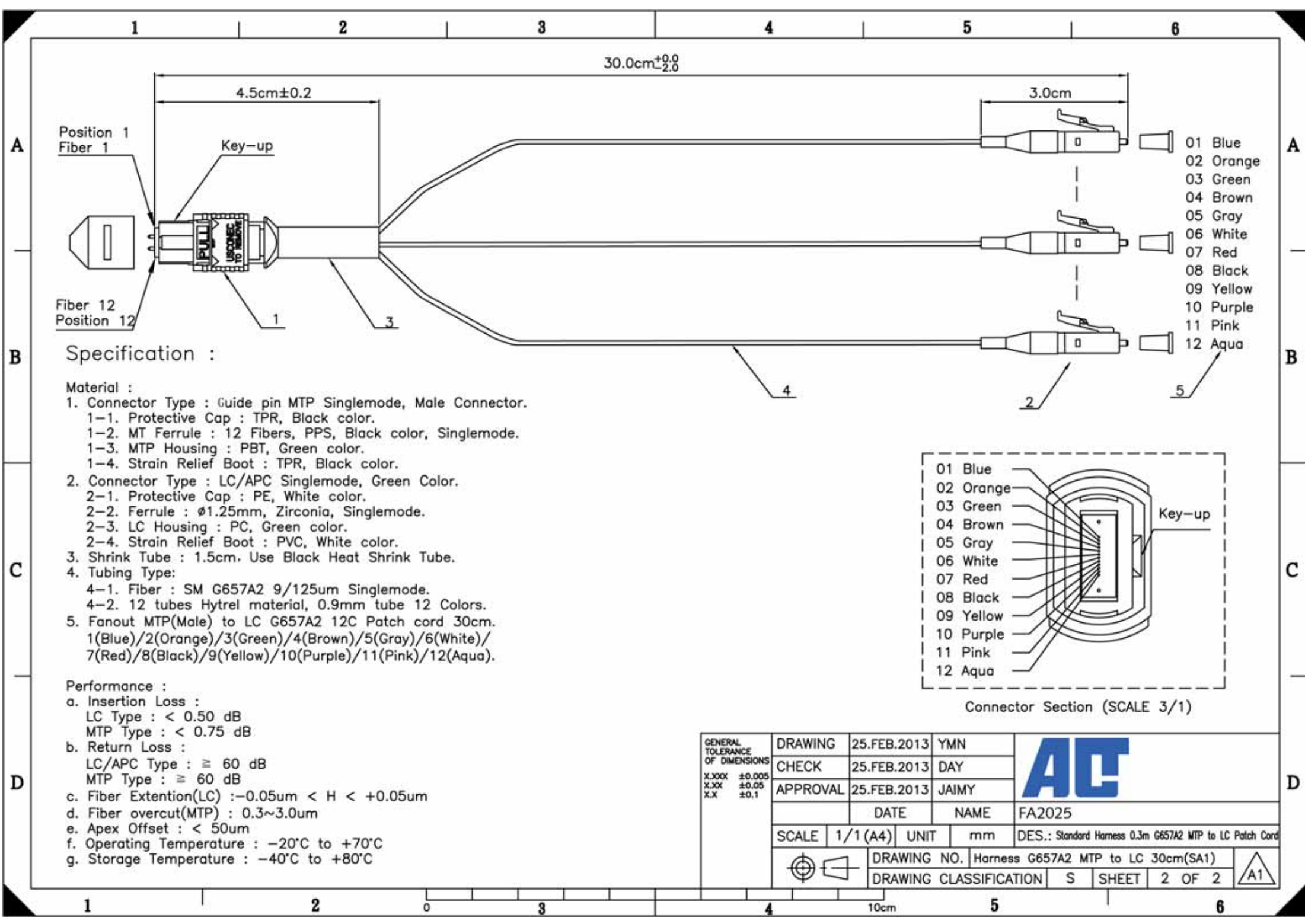
1. MTP Adaptor: A Type Key Up to Key Down, 2 pcs, PEI, UL V-0, Black color.
2. Top Case: 1.5mm thickness, SPCC, BK(RAL9005).
3. Bottom Case: 1.5mm thickness, SPCC, BK(RAL9005).
4. Plunger: 2 pcs, Snap Rivet, Male Nylon/Female PC material, Black color.
5. LC Adaptor: 6 pcs, Singlemode, LC Quad (SC Footprint) Type, W/Zirconia Sleeve, UL 94-V0, Green color.
6. Screw: 16 pcs, M2.0x6.0 Zinc Plated, Wafer Head, Black color.
7. MTP Dust Cover: 2 pcs, PC, Black color.
8. Screw: 2 pcs, M3.0x4.0/4.5mm Zinc Plated, Wafer Head, Black color.
9. Harness Patch Cord: 2 pcs, MTP(Male) to LC G657A2 12C Patch cord 30cm.

Performance :

- a. Dimension: 1.18" x 3.59" x 5.12"
(30.0 x 91.1 x 130.0mm)
- b. Weight: 0.40kg.
- c. Surface Finished: Painted, BK(RAL9005)

GENERAL
TOLERANCE
OF DIMENSIONS
X.XXX ±0.005
X.XX ±0.05
X.X ±0.1

DRAWING	25.FEB.2013	YMN		
CHECK	25.FEB.2013	DAY		
APPROVAL	25.FEB.2013	JAIMY		
DATE		NAME	FA2025	
SCALE	1/2 (A4)	UNIT	mm	
DES.: A&C Type Standard G657A2 LC 24P MTP LGX cassette				
	DRAWING NO. G657A2 LC 24P MTP LGX cassette(SA1)			
	DRAWING CLASSIFICATION			
S		SHEET	1 OF 2	



A

B

C

D

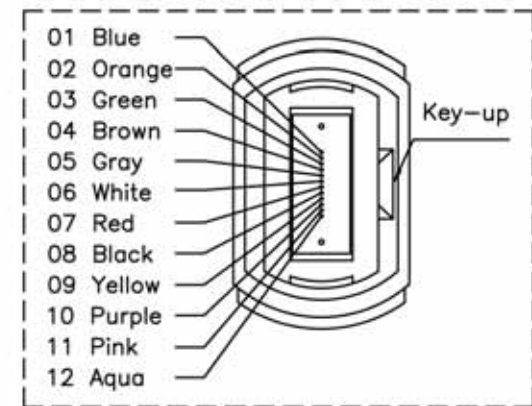
Specification :

Material :

- Connector Type : Guide pin MTP Singlemode, Male Connector.
1-1. Protective Cap : TPR, Black color.
1-2. MT Ferrule : 12 Fibers, PPS, Black color, Singlemode.
1-3. MTP Housing : PBT, Green color.
1-4. Strain Relief Boot : TPR, Black color.
- Connector Type : LC/APC Singlemode, Green Color.
2-1. Protective Cap : PE, White color.
2-2. Ferrule : $\phi 1.25\text{mm}$, Zirconia, Singlemode.
2-3. LC Housing : PC, Green color.
2-4. Strain Relief Boot : PVC, White color.
- Shrink Tube : 1.5cm. Use Black Heat Shrink Tube.
- Tubing Type:
4-1. Fiber : SM G657A2 9/125um Singlemode.
4-2. 12 tubes Hytrel material, 0.9mm tube 12 Colors.
- Fanout MTP(Male) to LC G657A2 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 :

- Insertion Loss :
LC Type : $< 0.50 \text{ dB}$
MTP Type : $< 0.75 \text{ dB}$
- Return Loss :
LC/APC Type : $\geq 60 \text{ dB}$
MTP Type : $\geq 60 \text{ dB}$
- Fiber Extension(LC) : $-0.05\mu\text{m} < H < +0.05\mu\text{m}$
- Fiber overcut(MTP) : $0.3 \sim 3.0\mu\text{m}$
- Apex Offset : $< 50\mu\text{m}$
- Operating Temperature : -20°C to $+70^\circ\text{C}$
- Storage Temperature : -40°C to $+80^\circ\text{C}$



Connector Section (SCALE 3/1)

GENERAL TOLERANCE OF DIMENSIONS X.XXX ±0.005 X.XX ±0.05 X.X ±0.1	DRAWING		25.FEB.2013		YMN				
	CHECK		25.FEB.2013		DAY				
	APPROVAL		25.FEB.2013		JAIMY				
			DATE		NAME			FA2025	
SCALE		1/1 (A4)		UNIT		mm		DES.: Standard Harness 0.3m G657A2 MTP to LC Patch Cord	
		DRAWING NO.		Harness G657A2 MTP to LC 30cm(SA1)					
		DRAWING CLASSIFICATION		S		SHEET		2 OF 2	
									