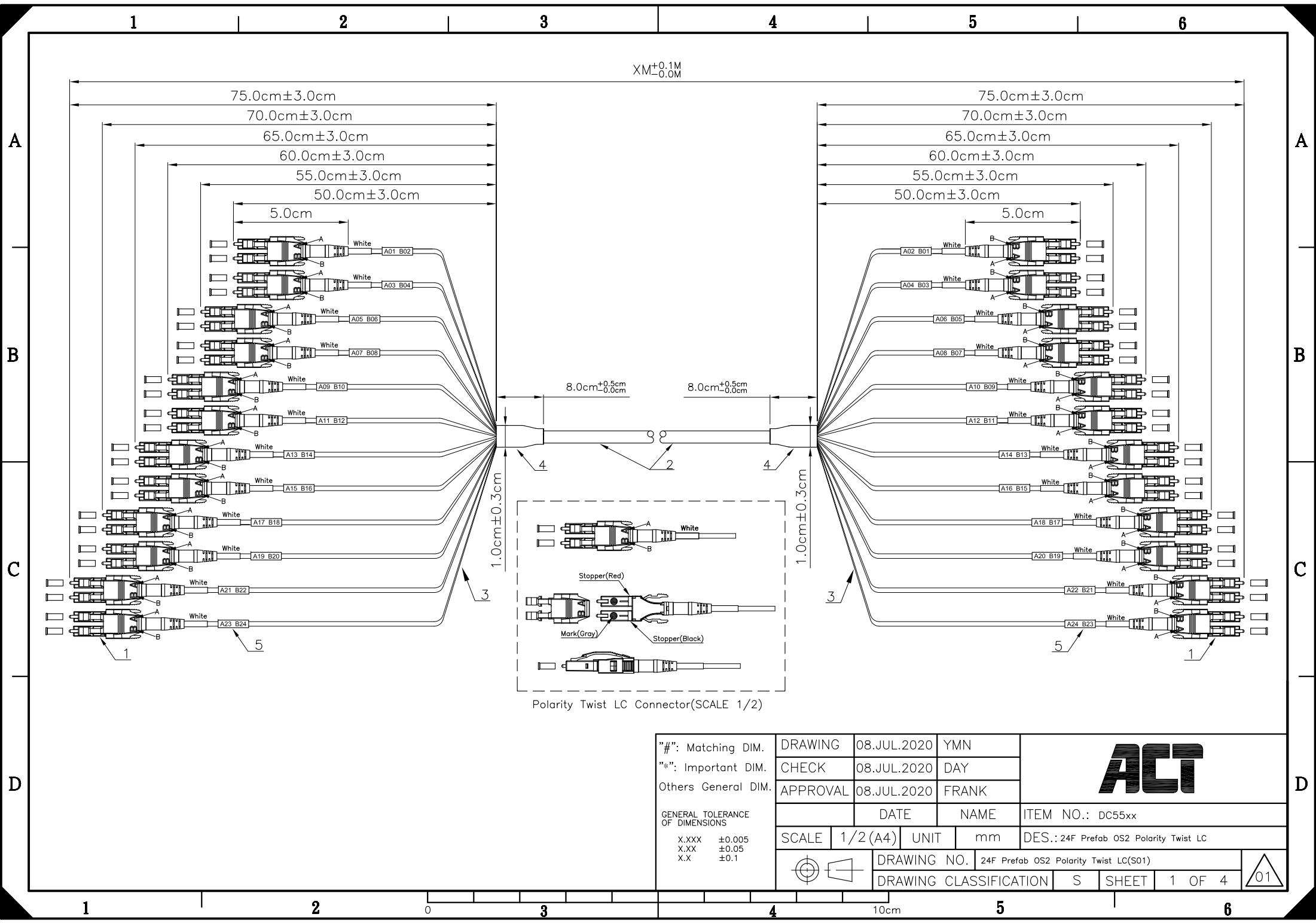




"#": Matching DIM.
"*": Important DIM.
Others General DIM.

GENERAL TOLERANCE OF DIMENSIONS

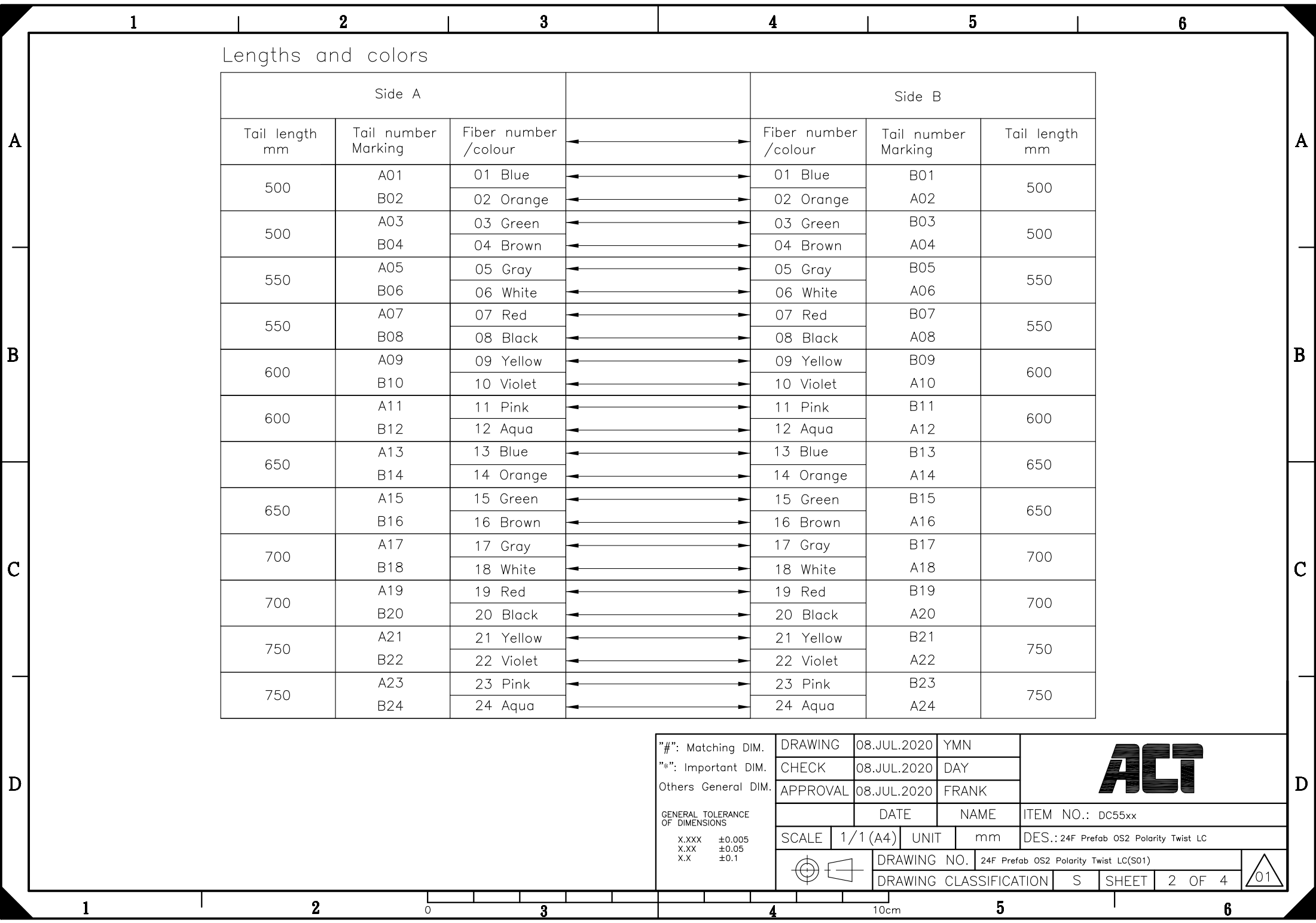
X.XXX	±0.005
X.XX	±0.05
X.X	±0.1

DRAWING	08.JUL.2020	YMN
CHECK	08.JUL.2020	DAY
APPROVAL	08.JUL.2020	FRANK
DATE		NAME
SCALE	1/2 (A4)	UNIT mm
DRAWING NO.		24F Prefab OS2 Polarity Twist LC(S01)
DRAWING CLASSIFICATION		S SHEET 1 OF 4

ITEM NO.: DC55xx

DES.: 24F Prefab OS2 Polarity Twist LC

01

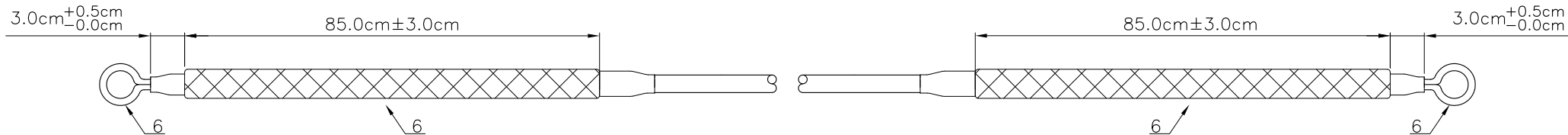


"#": Matching DIM.
": Important DIM.
Others General DIM.

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

DRAWING	08.JUL.2020	YMN	
CHECK	08.JUL.2020	DAY	
APPROVAL	08.JUL.2020	FRANK	
DATE		NAME	ITEM NO.: DC55xx
SCALE	1/1 (A4)	UNIT	mm
DRAWING NO.		24F Prefab OS2 Polarity Twist LC(S01)	
DRAWING CLASSIFICATION		S	SHEET 2 OF 4

01



Specification:

Material:

1. 1-1.Polarity Twist LC Connector

1-2.Polarity A-B (TX-RX)

Mode	Ferrule	Housing	Turning Stopper	Stopper	Clip	Boot	Tube	Cap
SM Low Loss	Zirconia(Ø1.25mm)	Blue(PC)	Red/Black(PC)	Transparent(PC)	Transparent(PC)	White(TPE)	White(PVC)	White(PE)

2. Cable Type : 24C Ø5.0mm Trunk Cable with Ø3.5mm Round Cable, CPR Cca.

Category	Cable O.D.	Jacket Material	Color
SM G.657A2(9/125um)	Ø5.0mm	LSFRZH	Yellow

3. Tubing Type : Ø2.0mm Tubing, Yellow.

4. Heat Shrink Tubing Length : 8.0cm, Ø1.0cm.

5. Marking Tubing length : 3.0cm

6. Pulling Eye Cable Jacket : Black Color, NYLON Material.

Performance:

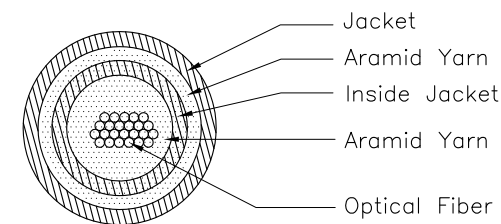
a. Insertion Loss & Return Loss :

	SM Low Loss
IL(LC)	<0.15 dB
RL(LC)	UPC>55 dB

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

c. Operating Temperature: -20°C to +70°C

d. Storage Temperature: -40°C to +80°C



Cable Section (SCALE 5/1)

“#”: Matching DIM. “*”: Important DIM. Others General DIM. GENERAL TOLERANCE OF DIMENSIONS X.XXX ±0.005 X.XX ±0.05 X.X ±0.1	DRAWING		08.JUL.2020		YMN		ACT					
	CHECK		08.JUL.2020		DAY							
	APPROVAL		08.JUL.2020		FRANK							
			DATE		NAME		ITEM NO.: DC55xx					
SCALE		1/1 (A4)		UNIT		mm		DES.: 24F Prefab OS2 Polarity Twist LC				
				DRAWING NO.		24F Prefab OS2 Polarity Twist LC(S01)						
				DRAWING CLASSIFICATION			S	SHEET	3 OF 4			

1

2

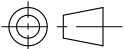
3

4

5

6

Part Number	Length / Description
DC5550	3 meter Singlemode 9/125 OS2 Preterm fiber cable 24F LC Polarity Twist
DC5551	5 meter Singlemode 9/125 OS2 Preterm fiber cable 24F LC Polarity Twist
DC5552	10 meter Singlemode 9/125 OS2 Preterm fiber cable 24F LC Polarity Twist
DC5553	15 meter Singlemode 9/125 OS2 Preterm fiber cable 24F LC Polarity Twist
DC5554	20 meter Singlemode 9/125 OS2 Preterm fiber cable 24F LC Polarity Twist
DC5555	25 meter Singlemode 9/125 OS2 Preterm fiber cable 24F LC Polarity Twist
DC5556	30 meter Singlemode 9/125 OS2 Preterm fiber cable 24F LC Polarity Twist
DC5557	35 meter Singlemode 9/125 OS2 Preterm fiber cable 24F LC Polarity Twist
DC5558	40 meter Singlemode 9/125 OS2 Preterm fiber cable 24F LC Polarity Twist
DC5559	45 meter Singlemode 9/125 OS2 Preterm fiber cable 24F LC Polarity Twist
DC5560	50 meter Singlemode 9/125 OS2 Preterm fiber cable 24F LC Polarity Twist
DC5561	60 meter Singlemode 9/125 OS2 Preterm fiber cable 24F LC Polarity Twist
DC5562	70 meter Singlemode 9/125 OS2 Preterm fiber cable 24F LC Polarity Twist
DC5563	80 meter Singlemode 9/125 OS2 Preterm fiber cable 24F LC Polarity Twist
DC5564	90 meter Singlemode 9/125 OS2 Preterm fiber cable 24F LC Polarity Twist
DC5565	100 meter Singlemode 9/125 OS2 Preterm fiber cable 24F LC Polarity Twist

"#" : Matching DIM. "*" : Important DIM. Others General DIM. GENERAL TOLERANCE OF DIMENSIONS X.XXX ±0.005 X.XX ±0.05 X.X ±0.1	DRAWING	08.JUL.2020	YMN		
	CHECK	08.JUL.2020	DAY		
	APPROVAL	08.JUL.2020	FRANK		
		DATE	NAME	ITEM NO.: DC55xx	
	SCALE	1/1 (A4)	UNIT	mm	DES.: 24F Prefab OS2 Polarity Twist LC
		DRAWING NO. 24F Prefab OS2 Polarity Twist LC(S01)			
DRAWING CLASSIFICATION			S SHEET 4 OF 4		

1

2

0

3

4

10cm

5

6