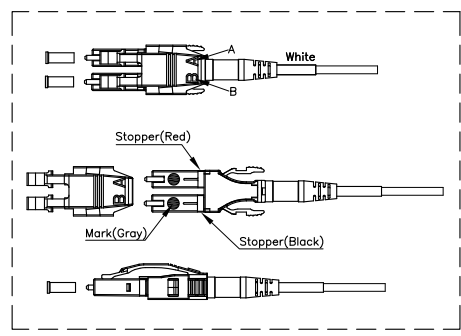


XM^{±0.1M}
-0.0M



Polarity Twist LC Connector(SCALE 1/2)

"#": 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	1/2(A4)	UNIT	mm	DES.: 24F Prefab OM4 Polarity Twist LC
	DRAWING NO.	24F Prefab OM4 Polarity Twist LC(S01)		
	DRAWING CLASSIFICATION	S	SHEET 1 OF 4	

1

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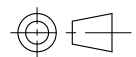
5

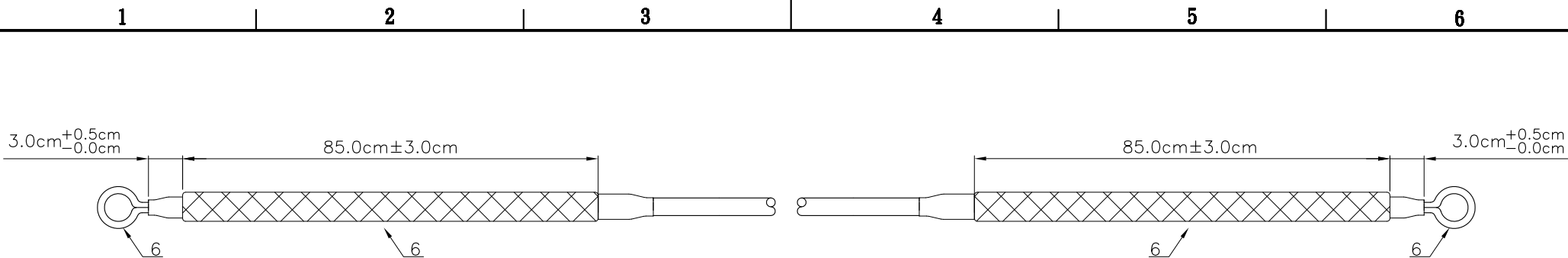
6

Lengths and colors

Side A				Side B		
Tail length mm	Tail number Marking	Fiber number /colour	↔	Fiber number /colour	Tail number Marking	Tail length mm
500	A01	01 Blue	↔	01 Blue	B01	500
	B02	02 Orange	↔	02 Orange	A02	
500	A03	03 Green	↔	03 Green	B03	500
	B04	04 Brown	↔	04 Brown	A04	
550	A05	05 Gray	↔	05 Gray	B05	550
	B06	06 White	↔	06 White	A06	
550	A07	07 Red	↔	07 Red	B07	550
	B08	08 Black	↔	08 Black	A08	
600	A09	09 Yellow	↔	09 Yellow	B09	600
	B10	10 Violet	↔	10 Violet	A10	
600	A11	11 Pink	↔	11 Pink	B11	600
	B12	12 Aqua	↔	12 Aqua	A12	
650	A13	13 Blue	↔	13 Blue	B13	650
	B14	14 Orange	↔	14 Orange	A14	
650	A15	15 Green	↔	15 Green	B15	650
	B16	16 Brown	↔	16 Brown	A16	
700	A17	17 Gray	↔	17 Gray	B17	700
	B18	18 White	↔	18 White	A18	
700	A19	19 Red	↔	19 Red	B19	700
	B20	20 Black	↔	20 Black	A20	
750	A21	21 Yellow	↔	21 Yellow	B21	750
	B22	22 Violet	↔	22 Violet	A22	
750	A23	23 Pink	↔	23 Pink	B23	750
	B24	24 Aqua	↔	24 Aqua	A24	

"#": 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 OM4 Polarity Twist LC(S01)	
	DRAWING CLASSIFICATION		S	SHEET 2 OF 4





Specification:

Material:

- 1-1.Polarity Twist LC Connector
- 1-2.Polarity A-B (TX-RX)

Mode	Ferrule	Housing	Turning Stopper	Stopper	Clip	Boot	Tube	Cap
MM Low Loss	Zirconia(Ø1.25mm)	Violet(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
OM4(50/125um)	Ø5.0mm	LSFRZH	Violet

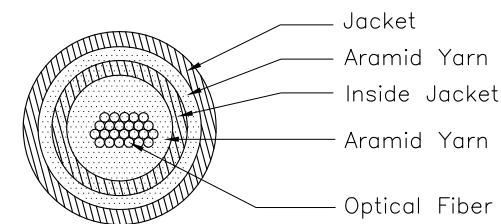
3. Tubing Type : Ø2.0mm Tubing, Violet.
4. Heat Shrink Tubing Length : 8.0cm, Ø1.0cm.
5. Marking Tubing length : 3.0cm
6. Pulling Eye Cable Jacket : Black Color, NYLON Material.

Performance:

- Insertion Loss & Return Loss :

	MM Low Loss
IL(LC)	<0.15 dB
RL(LC)	>45 dB

- Insertion Loss will be Increased after 500 mating: 0.2 dB Max
- Operating Temperature: -20°C to +70°C
- Storage Temperature: -40°C to +80°C



Cable Section (SCALE 5/1)

"#" : Matching DIM. "*" : Important DIM. Others General DIM.	DRAWING	08.JUL.2020	YMN	ACT
	CHECK	08.JUL.2020	DAY	
	APPROVAL	08.JUL.2020	FRANK	
GENERAL TOLERANCE OF DIMENSIONS X.XXX ±0.005 X.XX ±0.05 X.X ±0.1	DATE	NAME	ITEM NO.: DC55xx	
	SCALE	1/1 (A4)	UNIT	mm
	DRAWING NO. 24F Prefab OM4 Polarity Twist LC(S01)		DES.: 24F Prefab OM4 Polarity Twist LC	
DRAWING CLASSIFICATION		S	SHEET	3 OF 4
				01

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A

A

B

B

C

C

D

D

Part Number	Length / Description
DC5500	3 meter Multimode 50/125 OM4 Preterm fiber cable 24F LC Polarity Twist
DC5501	5 meter Multimode 50/125 OM4 Preterm fiber cable 24F LC Polarity Twist
DC5502	10 meter Multimode 50/125 OM4 Preterm fiber cable 24F LC Polarity Twist
DC5503	15 meter Multimode 50/125 OM4 Preterm fiber cable 24F LC Polarity Twist
DC5504	20 meter Multimode 50/125 OM4 Preterm fiber cable 24F LC Polarity Twist
DC5505	25 meter Multimode 50/125 OM4 Preterm fiber cable 24F LC Polarity Twist
DC5506	30 meter Multimode 50/125 OM4 Preterm fiber cable 24F LC Polarity Twist
DC5507	35 meter Multimode 50/125 OM4 Preterm fiber cable 24F LC Polarity Twist
DC5508	40 meter Multimode 50/125 OM4 Preterm fiber cable 24F LC Polarity Twist
DC5509	45 meter Multimode 50/125 OM4 Preterm fiber cable 24F LC Polarity Twist
DC5510	50 meter Multimode 50/125 OM4 Preterm fiber cable 24F LC Polarity Twist
DC5511	60 meter Multimode 50/125 OM4 Preterm fiber cable 24F LC Polarity Twist
DC5512	70 meter Multimode 50/125 OM4 Preterm fiber cable 24F LC Polarity Twist
DC5513	80 meter Multimode 50/125 OM4 Preterm fiber cable 24F LC Polarity Twist
DC5514	90 meter Multimode 50/125 OM4 Preterm fiber cable 24F LC Polarity Twist
DC5515	100 meter Multimode 50/125 OM4 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	ACT
	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 OM4 Polarity Twist LC(S01)	
	DRAWING CLASSIFICATION		S	SHEET 4 OF 4
				01

1

2

0

3

4

10cm

5

6