



Specification:

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

Mode	Ferrule	Housing	Turning Stopper	Stopper	Clip	Boot	Tube	Cap
OM4	Zirconia(ø1.25mm)	Violet(PC)	Red/Black(PC)	Transparent(PC)	Transparent(PC)	White(TPE)	White(PVC)	White(PE)

- 2. 2-1.Cable Type : Round(2x250)
- 2-2.Cable Text Printing : ACT Premium Multi mode Fiber Optic Patch Cable 50/125um OM4 LSZH MM/YY

Category	Jacket O.D.	Jacket Material	Color
OM4(50/125um)	ø1.6mm	LSFRZH	Violet

3. Length : xM

Performance:

- a. Insertion Loss : Multimode Low Loss Average<0.10 dB, Max.<0.15 dB
- b. Return Loss : >45 dB
- c. Insertion Loss will be increased after 500 mating : 0.2 dB Max
- d. Operating Temperature : -20°C to +70°C
- e. Storage Temperature : -40°C to +80°C

"#" : Matching DIM. "*" : Important DIM. Others General DIM.	DRAWING	15.SEP.2022	YMN	<b>ACT</b>	
	CHECK	15.SEP.2022	DAY		
	APPROVAL	15.SEP.2022	FRANK		
GENERAL TOLERANCE OF DIMENSIONS X.XXX ±0.1 X.XX ±0.2 X.X ±0.3	DATE	NAME		ITEM NO.: RL84XX	
	SCALE	1/1 (A4)	UNIT	mm	DES.: OM4 Polarity Twist with LC connectors
		DRAWING NO.		OM4 Polarity Twist with LC connectors(S04)	
		DRAWING CLASSIFICATION		S SHEET	

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2

3

4

5

6

A

A

B

B

C

C

D

D

# ACT Fiber Optical Patch Cord

LC to LC Polarity Twist Duplex 50/125,OM4

**Model: xxxx-xxxxxx**

**IIC-code: xxxxx**



X'XXXXXXXX'XXXXXXXX'

PO/NO.

Performance:(@23°C)A=850/1300±20nm

Serial No.	Insertion Loss	
	850nm	1300nm
Kymmxxxx	A	
	B	
	C	
	D	

- ACT advices to clean connector ferrule before usage to get optimal performance
- Always leave the dust caps on if the cable isn't installed

Prepared By :     QC     Date :           

RL8452	0.25	0.25 meter OM4 Polarity Twist with LC connectors
RL8400	0.5	0.5 meter OM4 Polarity Twist with LC connectors
RL8401	1	1 meter OM4 Polarity Twist with LC connectors
RL8451	1.5	1.5 meter OM4 Polarity Twist with LC connectors
RL8402	2	2 meter OM4 Polarity Twist with LC connectors
RL8403	3	3 meter OM4 Polarity Twist with LC connectors
RL8405	5	5 meter OM4 Polarity Twist with LC connectors
RL8407	7	7 meter OM4 Polarity Twist with LC connectors
RL8410	10	10 meter OM4 Polarity Twist with LC connectors
RL8412	12	12 meter OM4 Polarity Twist with LC connectors
RL8415	15	15 meter OM4 Polarity Twist with LC connectors
RL8417	17	17 meter OM4 Polarity Twist with LC connectors
RL8420	20	20 meter OM4 Polarity Twist with LC connectors
RL8422	22	22 meter OM4 Polarity Twist with LC connectors
RL8425	25	25 meter OM4 Polarity Twist with LC connectors
RL8427	27	27 meter OM4 Polarity Twist with LC connectors
RL8430	30	30 meter OM4 Polarity Twist with LC connectors
Part NO.	Length	Description

"#": Matching DIM. "*": Important DIM. Others General DIM.	DRAWING	15.SEP.2022	YMN		
	CHECK	15.SEP.2022	DAY		
	APPROVAL	15.SEP.2022	FRANK		
GENERAL TOLERANCE OF DIMENSIONS X.XXX ±0.1 X.XX ±0.2 X.X ±0.3		DATE	NAME	ITEM NO.: RL84XX	
	SCALE	1/1 (A4)	UNIT	mm	
			DRAWING NO.	OM4 Polarity Twist with LC connectors(S04)	
		DRAWING CLASSIFICATION	S	SHEET	2 OF 2

1

2

0

3

4

10cm

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6