

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
OM3	Zirconia(ø1.25mm)	Aqua(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 OM3 LSZH MM/YY

Category	Jacket O.D.	Jacket Material	Color
OM3(50/125um)	ø1.6mm	LSFRZH	Aqua

- 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	ACT	
	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.: RL83XX	
	SCALE	1/1 (A4)	UNIT	mm	DES.: OM3 Polarity Twist with LC connectors
	DRAWING NO.	OM3 Polarity Twist with LC connectors(S04)			
	DRAWING CLASSIFICATION	S	SHEET	1 OF 2	

1

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,OM3

Model: xxxx-xxxxxx
IIC-code: xxxxx



X'XXXXXXXX'XXXXXXXX'

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 :

PO/NO.

RL8352	0.25	0.25 meter OM3 Polarity Twist with LC connectors
RL8300	0.5	0.5 meter OM3 Polarity Twist with LC connectors
RL8301	1	1 meter OM3 Polarity Twist with LC connectors
RL8351	1.5	1.5 meter OM3 Polarity Twist with LC connectors
RL8302	2	2 meter OM3 Polarity Twist with LC connectors
RL8303	3	3 meter OM3 Polarity Twist with LC connectors
RL8305	5	5 meter OM3 Polarity Twist with LC connectors
RL8307	7	7 meter OM3 Polarity Twist with LC connectors
RL8310	10	10 meter OM3 Polarity Twist with LC connectors
RL8312	12	12 meter OM3 Polarity Twist with LC connectors
RL8315	15	15 meter OM3 Polarity Twist with LC connectors
RL8317	17	17 meter OM3 Polarity Twist with LC connectors
RL8320	20	20 meter OM3 Polarity Twist with LC connectors
RL8322	22	22 meter OM3 Polarity Twist with LC connectors
RL8325	25	25 meter OM3 Polarity Twist with LC connectors
RL8327	27	27 meter OM3 Polarity Twist with LC connectors
RL8330	30	30 meter OM3 Polarity Twist with LC connectors
Part NO.	Length	Description

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	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.: RL83XX
	SCALE	1/1 (A4)	UNIT	mm
	DRAWING NO.		OM3 Polarity Twist with LC connectors(S04)	
DRAWING CLASSIFICATION		S	SHEET	2 OF 2
				04

1

2

0

3

4

10cm

5

6