

Specification:

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

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

- 2-1.Cable Type : Round(2x250)
- 2-2.Cable Text Printing : ACT Premium Single mode Fiber Optic Patch Cable 9/125um OS2 LSZH MM/YY xxxxM

Category	Jacket O.D.	Jacket Material	Color
G.657A2(9/125um)	Ø1.6mm	LSFRZH	Yellow

3. Length : xM

Performance:

- a. Insertion Loss : Singlemode Average<0.10 dB, Max.<0.2 dB.
- b. Return Loss : UPC>55 dB
- c. Insertion Loss will be increased after 500 mating : 0.2 dB Max
- d. Operating Temperature : -20°C to +70°C
- f. Storage Temperature : -40°C to +80°C

GENERAL TOLERANCE OF DIMENSIONS x.xxx ±0.1 x.xx ±0.2 x.x ±0.3	DRAWING	09.JAN.2024	YMN	ACT	
	CHECK	09.JAN.2024	DAY		
	APPROVAL	09.JAN.2024	FRANK		
	DATE		NAME		ITEM NO.: RL82XX
SCALE		1/1 (A4)	UNIT	mm	DES.: OS2 Polarity Twist with LC connectors
HSF Spec.	DRAWING NO.		OS2 Polarity Twist with LC connectors(S09)		09
RoHS	DRAWING CLASSIFICATION		S	SHEET	

1

2

3

4

5

6

A

A

B

B

C


C

D

D

ACT Fiber Optical Patch Cord
 LC/UPC to LC/UPC Polarity Twist Duplex 9/125, OS2

Model: **xxxx-xxxxxx**
 IIC-code: **xxxxx**



X XXXXXX XXXXXX

Performance: (@23°C) $\lambda = 1310/1550 \pm 20\text{nm}$

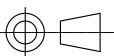
Serial No.	Insertion Loss		Return Loss	
	1310nm	1550nm	1310nm	1550nm
Kymmxxxx	A			
	B			
	C			
	D			

-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.

RL8252	0.25	0.25 meter OS2 Polarity Twist with LC connectors
RL8200	0.5	0.5 meter OS2 Polarity Twist with LC connectors
RL8201	1	1 meter OS2 Polarity Twist with LC connectors
RL8251	1.5	1.5 meter OS2 Polarity Twist with LC connectors
RL8202	2	2 meter OS2 Polarity Twist with LC connectors
RL8203	3	3 meter OS2 Polarity Twist with LC connectors
RL8205	5	5 meter OS2 Polarity Twist with LC connectors
RL8207	7	7 meter OS2 Polarity Twist with LC connectors
RL8210	10	10 meter OS2 Polarity Twist with LC connectors
RL8212	12	12 meter OS2 Polarity Twist with LC connectors
RL8215	15	15 meter OS2 Polarity Twist with LC connectors
RL8217	17	17 meter OS2 Polarity Twist with LC connectors
RL8220	20	20 meter OS2 Polarity Twist with LC connectors
RL8222	22	22 meter OS2 Polarity Twist with LC connectors
RL8225	25	25 meter OS2 Polarity Twist with LC connectors
RL8227	27	27 meter OS2 Polarity Twist with LC connectors
RL8230	30	30 meter OS2 Polarity Twist with LC connectors
Part NO.	Length	Description

GENERAL TOLERANCE OF DIMENSIONS x.xxx ±0.1 x.xx ±0.2 x.x ±0.3	DRAWING	09.JAN.2024	YMN	ACT	
	CHECK	09.JAN.2024	DAY		
	APPROVAL	09.JAN.2024	FRANK		
		DATE	NAME	ITEM NO.: RL82XX	
	SCALE	1/1 (A4)	UNIT	mm	DES.: OS2 Polarity Twist with LC connectors
HSF Spec.		DRAWING NO.		OS2 Polarity Twist with LC connectors(S09)	
RoHS		DRAWING CLASSIFICATION		S	SHEET



1

2

0

3

4

10cm

5

6