



ACT Fiber Optical Patch Cord
 LC/UPC to LC/UPC Duplex Singlemode 9/125 OS2
Model: xxxx-xxxxxx
ILC-code: xxxxx

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				

Prepared By: QC Date:

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

Specification:

1. LC(Short boot) Connector : LC/UPC Singlemode

Mode	Ferrule	Housing	Clip	Boot	Tube	Cap
SM Low Loss	Zirconia($\phi 1.25\text{mm}$)	Blue(PC)	Blue(PP)	White/Blue(TPE)	White/Yellow(PVC)	White(PE)

2. 2-1.Cable Type : Zipcord

Category	Jacket O.D.	Jacket Material	Color
G.657A2(9/125um)	$\phi 2.0\text{mm}$	LSZH	Yellow

2. 2-2.Cable Text Printing : ACT Premium Singlemode Fiber Optic Patch Cable
 9/125um OS2 LSZH MM/YY xxxxM

3. Length : xM

Performance:

- a. Insertion Loss : SM Low Loss < 0.15 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
- e. Storage Temperature : -40°C to +80°C

RL1750	50	50	164'(50000)	LC/LC	9/125	SHORT	DUP	8716065322101
RL1730	30	30	98.4'(30000)	LC/LC	9/125	SHORT	DUP	8716065322095
RL1720	20	20	65.6'(20000)	LC/LC	9/125	SHORT	DUP	8716065322088
RL1715	15	15	49.2'(15000)	LC/LC	9/125	SHORT	DUP	8716065322071
RL1710	10	10	32.8'(10000)	LC/LC	9/125	SHORT	DUP	8716065322064
RL1707	07	7	22.97'(7000)	LC/LC	9/125	SHORT	DUP	8716065322057
RL1705	05	5	16.4'(5000)	LC/LC	9/125	SHORT	DUP	8716065322040
RL1703	03	3	9.84'(3000)	LC/LC	9/125	SHORT	DUP	8716065322033
RL1702	02	2	6.56'(2000)	LC/LC	9/125	SHORT	DUP	8716065322026
RL1701	01	1	3.28'(1000)	LC/LC	9/125	SHORT	DUP	8716065322019
Part NO.	**	XX	L	Description 1	Description 2			

ACT

DRAWING DIM: 24.JUN.2019 YMN
 CHECK: 24.JUN.2019 DAY
 APPROVAL: 24.JUN.2019 FRANK

Others General DIM:
 SCALE: 1/1 (A4) UNIT: mm
 DATE: NAME: ITEM NO.: RL17XX

GENERAL TOLERANCE OF DIMENSIONS:
 XXXX +0.005
 XXX +0.05
 XX ±0.1

DRAWING NO. LC-LC 9/125 Duplex OS2 2.0mm LSZH
 DRAWING CLASSIFICATION S SHEET 1 OF 1