



ACT Fiber Optical Patch Cord
 LC/UPC to SC/UPC Duplex Singlemode 9/125, OS2

Model: xxxx-xxxxxx
IIC-code: xxxxx

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

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

Prepared By: 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. SC Connector : SC/UPC Singlemode

Mode	Ferrule	Housing	Boot	Cap
SM Low Loss	Zirconia($\phi 2.50\text{mm}$)	Blue(PBT)	Yellow/Blue(TPE)	Clear(PE)

3. 3-1.Cable Type : Zipcord

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

3-2.Cable Text Printing : ACT Premium Singlemode Fiber Optic Patch Cable
 9/125um OS2 LSZH MM/YY xxxxxM

4. 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

RL1850	50	164'(50000)	LC/LC	9/125	SHORT	DUP	8716065322200
RL1830	30	98.4'(30000)	LC/LC	9/125	SHORT	DUP	8716065322194
RL1820	20	65.6'(20000)	LC/LC	9/125	SHORT	DUP	8716065322187
RL1815	15	49.2'(15000)	LC/LC	9/125	SHORT	DUP	8716065322170
RL1810	10	32.8'(10000)	LC/LC	9/125	SHORT	DUP	8716065322163
RL1807	07	22.97'(7000)	LC/LC	9/125	SHORT	DUP	8716065322156
RL1805	05	16.4'(5000)	LC/LC	9/125	SHORT	DUP	8716065322149
RL1803	03	9.84'(3000)	LC/LC	9/125	SHORT	DUP	8716065322132
RL1802	02	6.56'(2000)	LC/LC	9/125	SHORT	DUP	8716065322125
RL1801	01	3.28'(1000)	LC/LC	9/125	SHORT	DUP	8716065322118
Part NO.	**	XX	L		Description 1		Description 2

ACT

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

SCALE: 1/1 (A4) UNIT: mm
 DATE: NAME: ITEM NO.: RL18XX

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

DRAWING NO. LC-SC 9/125 Duplex OS2 2.0mm LSZH(S03)
 DRAWING CLASSIFICATION: S SHEET 1 OF 1