

Specification:

1. LC Connector : LC/UPC Singlemode

Mode	Ferrule	Housing	Clip	Boot	Cap
SM Low Loss	Zirconia(∅1.25mm)	Blue(PC)	Blue(PP)	White/Blue(TPE)	White(PE)

2. SC Connector : SC/APC Singlemode

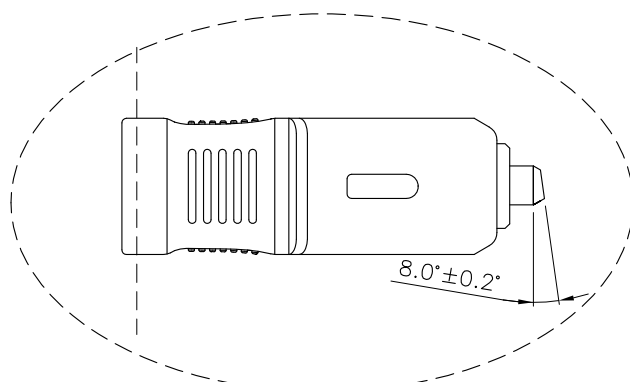
Mode	Ferrule	Housing	Boot	Cap
SM APC	Zirconia(∅2.50mm)	Green(PBT)	Green(TPE)	Green(PE)

3. 3-1.Cable Type : Zipcord

Category	Jacket O.D.	Jacket Material	Color
G.657A2(9/125um)	∅2.0mm	LSZH	Yellow

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

4. Length : xM

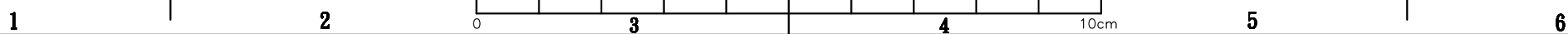


SC/APC Angles(SCALE 2/1)

Performance:

- a. Insertion Loss : Singlemode Average<0.10 dB, Max.<0.2 dB.
- b. Return Loss : UPC>55 dB, APC>60 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

"#": Matching DIM. "*": Important DIM. Others General DIM.	DRAWING	27.JUN.2019	YMN	
	CHECK	27.JUN.2019	DAY	
	APPROVAL	27.JUN.2019	FRANK	
GENERAL TOLERANCE OF DIMENSIONS	DATE	NAME	ITEM NO.:	RL88XX
X.XXX ±0.005 X.XX ±0.05 X.X ±0.1	SCALE	1/1 (A4)	UNIT	mm
	DRAWING NO.	LC-SCAPC 9/125 Duplex OS2 2.0mm LSZH(S05)		DES.: LC-SCAPC 9/125 Duplex OS2 2.0mm LSZH
	DRAWING CLASSIFICATION	S	SHEET	1 OF 2



1

2

3

4

5

6

A

A

B

B

C

C


D

D

Description 1

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

Model: xxxx-xxxxxx
IIC-code: xxxxx

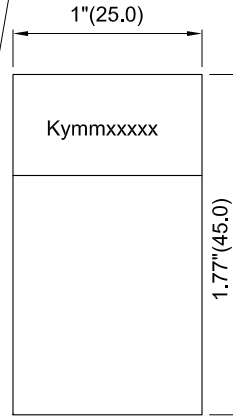
PO/NO.  X'XXXXXX'XXXXXX

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

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

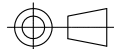

-ACT advices to clean connector ferrule before usage to get optimal performance
-Always leave the dust caps on if the cable isn't installed

Prepared By : QC Date :



DETAIL B
y: Year; mm: Month
xxxx: Serial Number

RL8810	10	10	32.8'(10000)	FOSCLD-*M-A-10M	8716065245950
RL8805	05	5	16.4'(5000)	FOSCLD-*M-A-5M	8716065245943
RL8803	03	3	9.84'(3000)	FOSCLD-*M-A-3M	8716065245936
RL8802	02	2	6.56'(2000)	FOSCLD-*M-A-2M	8716065245929
RL8801	01	1	3.28'(1000)	FOSCLD-*M-A-1M	8716065245912
Part NO.	**	XX	L	Description 1	Description 2

"#": Matching DIM. "*": Important DIM. Others General DIM. GENERAL TOLERANCE OF DIMENSIONS X.XXX ±0.005 X.XX ±0.05 X.X ±0.1	DRAWING	27.JUN.2019	YMN	ACT	
	CHECK	27.JUN.2019	DAY		
	APPROVAL	27.JUN.2019	FRANK		
	DATE	NAME	ITEM NO.: RL88XX		
	SCALE	1/1 (A4)	UNIT	mm	DES.: LC-SCAPC 9/125 Duplex OS2 2.0mm LSZH
		DRAWING NO.	LC-SCAPC 9/125 Duplex OS2 2.0mm LSZH(S05)		
		DRAWING CLASSIFICATION	S	SHEET 2 OF 2	

1

2

0

3

4

10cm

5

6