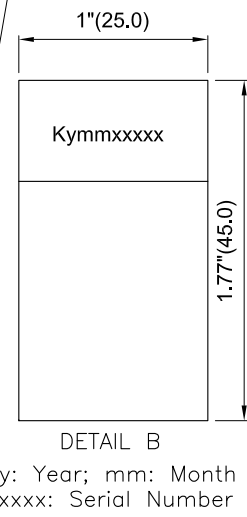


ACT Fiber Optical Patch Cord
 LC/LC 50/125 Duplex, OM4
Model: xxxx-xxxxxx
IIC-code: xxxxxx

Performance: (@23°C) $\lambda=850/1300 \pm 20\text{nm}$

Serial No.	Insertion Loss	
	850nm	1300nm
Kymmxxxx	A	
	B	
	C	
	D	

Prepared By: QC Date:



Specification:

- LC(Short boot) Connector : LC/PC Multimode

Mode	Ferrule	Housing	Clip	Boot	Tube	Cap
MM Low Loss	Zirconia($\phi 1.25\text{mm}$)	Ivory(PC)	Ivory(PP)	White/Yellow(TPE)	White/Yellow(PVC)	White(PE)
- 2-1.Cable Type : Zipcord

Category	Jacket O.D.	Jacket Material	Color
OM4(50/125um)	$\phi 2.0\text{mm}$	LSZH	Violet
- 2-2.Cable Text Printing : ACT Premium Multimode Fiber Optic Patch Cable 50/125um OM4 LSZH 12/15

Performance:

- Insertion Loss : MM Low Loss < 0.15 dB
- Return Loss : > 45 dB
- Insertion Loss will be Increased after 500 mating : 0.2 dB Max
- Operating Temperature : -20°C to +70°C
- Storage Temperature : -40°C to +80°C

RL9750	50	50	164'(50000)	RL9750	8716065274707
RL9730	30	30	98.4'(30000)	RL9730	8716065274691
RL9720	20	20	65.6'(20000)	RL9720	8716065274684
RL9715	15	15	49.2'(15000)	RL9715	8716065274677
RL9710	10	10	32.8'(10000)	RL9710	8716065274660
RL9707	07	7	22.97'(7000)	RL9707	8716065274657
RL9705	05	5	16.4'(5000)	RL9705	8716065274653
RL9703	03	3	9.84'(3000)	RL9703	8716065274646
RL9702	02	2	6.56'(2000)	RL9702	8716065274639
RL9751	51	1.5	4.92'(1500)	RL9751	8716065274622
RL9701	01	1	3.28'(1000)	RL9701	8716065274615
Part NO.	**	XX	L	Description 1	Description 2

"#" : Matching DIM. "*" : Important DIM. Others General DIM.	DRAWING	14.NOV.2019	YMN	ACT	
	CHECK	14.NOV.2019	DAY		
	APPROVAL	14.NOV.2019	FRANK		
GENERAL TOLERANCE OF DIMENSIONS	DATE	NAME	ITEM NO.: RL97XX		
X.XXX ±0.005 X.XX ±0.05 X.X ±0.1	SCALE	1/1 (A4)	UNIT	mm	DES.: LC to LC Duplex Patch Cord
	DRAWING NO. LC-LC 50/125 Duplex OM4 2.0mm LSZH(S04)		DRAWING CLASSIFICATION		S SHEET 1 OF 1
					04

Product Specification

STANDARD COMPLIANCES

ANSI/TIA-568-C.3

ISO 11801 OM4 /IEC60793-2-10 type A1a

Telcordia GR-326-CORE Issue 4 February 2010 Compliance

RoHS Compliance for the Requirement of European Union Issued Directive 2011/65/EU

CONSTRUCTION & CHARACTERISTICS

Optical Performance	Insertion loss typical	0.1dB
	Insertion loss maximum	0.15dB
	Return loss	≥45dB
	Polish	UPC
Connector	Connector A side	IEC61754-20 LC connector
	Connector B side	IEC61754-20 LC connector
	Ferrule	Ceramic Zirconia (ZrO ₂)
Cable	Fiber class	OM4
	Fiber type	Multimode 50/125
	Cable type	I-V(ZN)H 2.0x4.1mm LSZH Erika violet zipcord
	Tensile strength	90N (short time 150N)
	Operation temp.	-20°C to +70°C
	Vibration	10 to 55 Hz 1.5mm double amplitude
Fire Performance	Flame retardancy	IEC 60332-1-2
	Smoke density LS	IEC 61034
	Absence of halogen ZH	IEC 60754-1
	Cable Jacket	LSZH/FRNC
Marking	ACT Premium Multi Mode Fiber Optic Patch Cable 50/125um, OM4, LSZH, 12/15	

100% tested and approved

End-face geometry 100% guaranteed

ACT advises to clean every connector ferrule before usage to get optimal performance

Always leave the dust caps on if the cable isn't installed