

ACT Fiber Optical Patch Cord

SC/SC 50/125 Duplex, OM4

Model: xxxx-xxxxxx
IIC-code: xxxxx

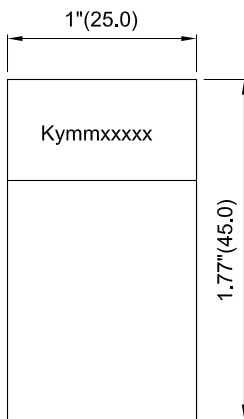


Performance: (@23°C) $\lambda=850/1300 \pm 20\text{nm}$

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

-ACT advises 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

Specification:

1. SC Connector : SC/PC Multimode

Mode	Ferrule	Housing	Boot	Cap
MM Low Loss	Zirconia(ø2.50mm)	Black(PBT)	Red/Black(TPE)	Clear(PE)

2-1.Cable Type : Zipcord

Category	Jacket O.D.	Jacket Material	Color
OM4(50/125um)	ø2.0mm	LSZH	Violet

2-2.Cable Text Printing : ACT Premium Multimode Fiber Optic Patch Cable
50/125um OM4 LSZH 12/15

3. Length : xM

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

RL3750	50	50	164'(50000)	RL3750	8716065274509
RL3730	30	30	98.4'(30000)	RL3730	8716065274493
RL3720	20	20	65.6'(20000)	RL3720	8716065274486
RL3715	15	15	49.2'(15000)	RL3715	8716065274479
RL3710	10	10	32.8'(10000)	RL3710	8716065274462
RL3707	07	7	22.97'(7000)	RL3707	8716065308433
RL3705	05	5	16.4'(5000)	RL3705	8716065274455
RL3703	03	3	9.84'(3000)	RL3703	8716065274448
RL3702	02	2	6.56'(2000)	RL3702	8716065274431
RL3751	51	1.5	4.92'(1500)	RL3751	8716065274424
RL3701	01	1	3.28'(1000)	RL3701	8716065274417
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.: RL37XX	
X.XXX ±0.005 X.XX ±0.05 X.X ±0.1	SCALE	1/1 (A4)	UNIT	mm	DES.: SC to SC Duplex Patch Cord
		DRAWING NO.	SC-SC 50/125 Duplex OM4 2.0mm LSZH(S04)		
		DRAWING CLASSIFICATION	S		SHEET 1 OF 1

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	IEC61754-4 SC connector
	Connector B side	IEC61754-4 SC connector
	Ferrule	Ceramic Zirconia (ZrO2)
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