

PACKING:

ROUND CABLE METHOD SEE "DETAIL A"			
	BAG TYPE	QTY	LABEL
SMALL	POLYBAG	1 CABLE WITH TEST CARD	SEE "DETAIL B"

**RL2001**

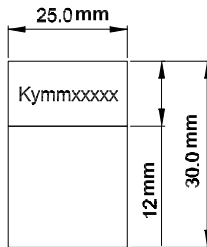
SC/UPC-ST/UPC duplex patchcord OM1 1M

IIC: 04015001-P0015774

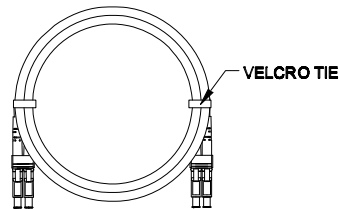
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We advice to clean all the connector ferrules for optimal performance. You can find safety information at [www.act-connectivity.com/safety](http://www.act-connectivity.com/safety)

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DETAIL C



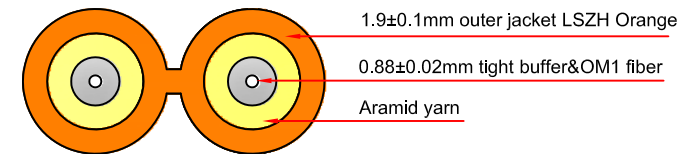
DETAIL B  
y: Year; mm: Month  
xxxxx: Serial Number



DETAIL A

RoHS  
Compliant

ASSEMBLY CONNECTIVITY	
Side:A- SC/UPC	Side:B- ST/UPC
A	B
B	A



Partnumber	Length	Tolerance
RL2000	0.5M	0/+100mm
RL2001	1M	0/+100mm
RL2051	1.5M	0/+100mm
RL2002	2M	0/+100mm
RL2003	3M	0/+100mm
RL2005	5M	0/+100mm

Partnumber	Length	Tolerance
RL2010	10M	0/+100mm
RL2015	15M	0/+100mm
RL2020	20M	0/+100mm
RL2030	30M	0/+150mm
RL2050	50M	0/+250mm

SC/UPC -- ST/UPC duplex (1.9±0.1)\*(4.0±0.2)mm OM1 LSZH Orange

ITEM	Description	Q'TY
1	SC dust cover lucency	2 PCS
2	SC/UPC MM simplex connector beige	2 PCS
3	SC clip beige	2 PCS
4	SC boot Black	1 PC
5	SC boot Red	1 PC
6	Breakout heat-shrink tube black L=15mm	2 PCS
7	Cable lable	1 PC
8	OD=(1.9±0.1)*(4.0±0.2)mm duplex OM1 fiber optical cable LSZH Orange	1 PC
9	ST boot Red	1 PC
10	ST boot Black	1 PC
11	ST/UPC MM Simplex connector	2 PCS
12	ST dust cover lucency	2 PCS



Designed by:		Audit:	
Date:	2021-06-22	Approve:	
Unit:	mm	Sheet:	A4
Drawing NO:	RL20xx SC/UPC-ST/UPC duplex patchcord OM1-V1		



## Product Specification

### Standard Compliances

1. ANSI/TIA-568.3-D.
2. ISO 11801 OM1 /IEC60793-2-10 type A1a.
3. Telcordia GR-326-CORE Issue 4 February 2010 Compliance.
4. RoHS Compliance for the Requirement of European Union Issued Directive 2011/6S/EU.

### Construction&Characteristics

Optical Performance	Insertion loss typical	0.15dB
	Insertion loss maximum	0.25dB
	Return loss	≥30dB
	Polish	UPC
Connector	Connector A side	IEC61754-4 SC connector
	Connector B side	IEC61754-2 ST connector
	Ferrule	Ceramic Zirconia (ZrO <sub>2</sub> )
Cable	Fiber class	OM1
	Fiber type	Multimode 62.5/125
	Cable type	(1.9±0.1)*(4.0±0.2)mm LSZH Orange
	Tensile strength	200N (short time 400N)
	Operation temp.	-20 °C to +80 °C (5 cycles)
	Vibration	10 to 55 Hz 15mm double amplitude
Marking	ACT Premium Multimode Fiber Optic Patch cable 62.5/125µm,OM1,LSZH xxxM	

### 100% tested and approved

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