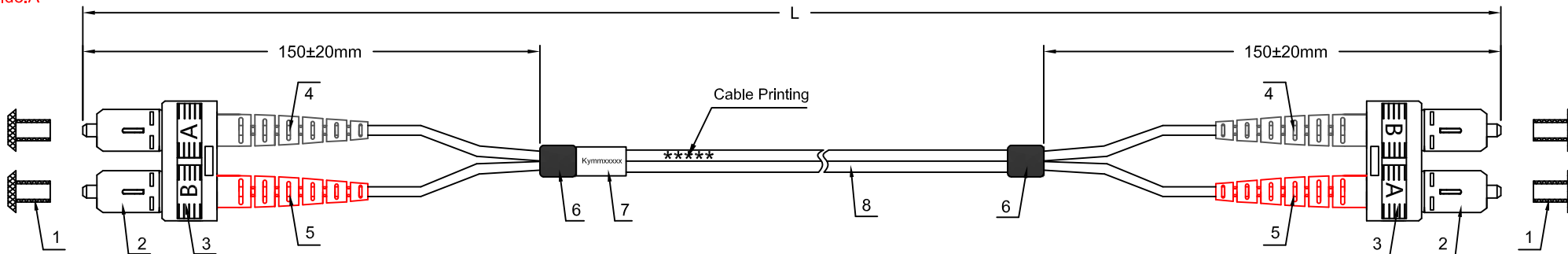


Side:A

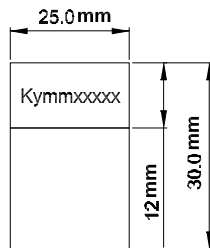
Side:B



PACKING:

ROUND CABLE METHOD SEE "DETAIL A"

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



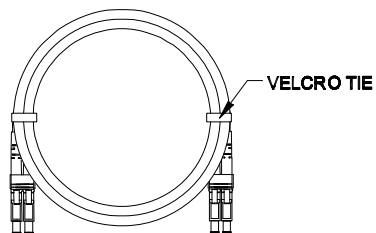
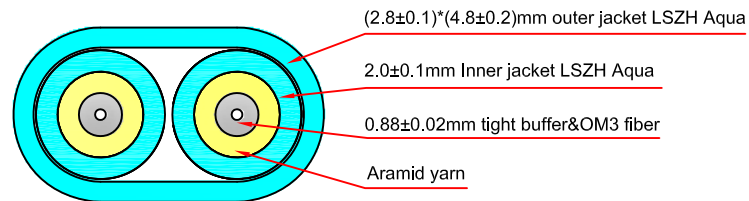
DETAIL B  
y: Year; mm: Month  
xxxxx: Serial Number

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

**RL5301**  
SC/UPC-SC/UPC duplex ruggedized patchcord OM3 10M  
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)

DETAIL C



DETAIL A

Partnumber	Length	Tolerance
RL5301	10M	0/+100mm
RL5302	20M	0/+100mm
RL5303	30M	0/+150mm
RL5304	40M	0/+200mm
RL5305	50M	0/+250mm

RoHS  
Compliant

SC/UPC --- SC/UPC duplex (2.8±0.1)\*(4.8±0.2)mm OM3 LSZH Aqua

ITEM	Description	Q'TY
1	SC dust cover lucency	4 PCS
2	SC/UPC MM simplex connector beige	4 PCS
3	SC clip beige	2 PCS
4	SC boot Black	2 PCS
5	SC boot Red	2 PCS
6	Breakout heat-shrink tube black L=15mm	2 PCS
7	Cable lable	1 PC
8	OD=(2.8±0.1)*(4.8±0.2)mm duplex OM3 fiber optical cable LSZH Aqua	1 PC



Designed by:		Audit:	
Date:	2021-06-22	Approve:	
Unit:	mm	Sheet:	A4
Drawing NO:	RL53xx SC/UPC-SC/UPC duplex patchcord OM3-V1		

## Product Specification

### Standard Compliances

1. ANSI/TIA-568.3-D.
2. ISO 11801 OM3 /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	IEC61754-24 SC connector
	Ferrule	Ceramic Zirconia (ZrO <sub>2</sub> )
Cable	Fiber class	OM3
	Fiber type	Multimode 50/125
	Cable type	(2.8±0.1)*(4.8±0.2)mm LSZH aqua
	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 Flat Oval cable 50/125µm,OM3,LSZH xxxxM	

### 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.