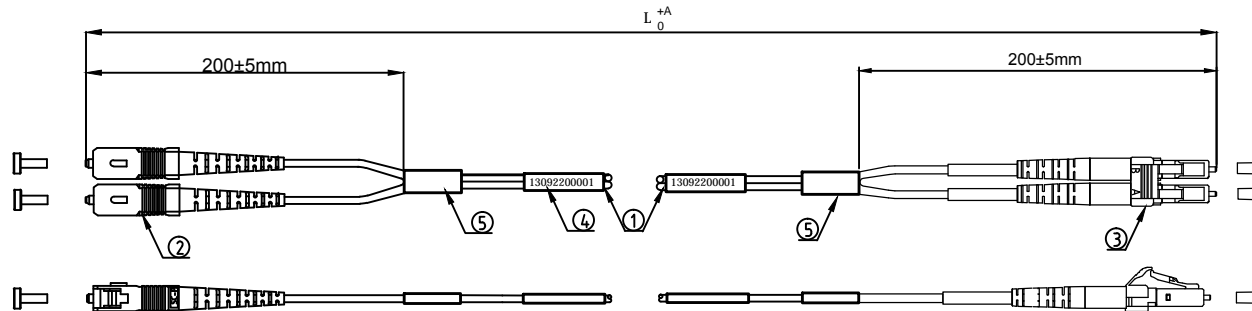


A B C D E F G H

△	Rav	Detail	Rav	Date
△	A	NEW RELEASE	Kelvin	2013-09-24
△				

SC/UPC-LC/UPC Ø2.0mm LSZH Cable Duplex Patch cord

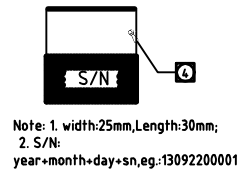


Length (M)	Min	Max	Unit
L < 1.5	0	50	mm
L ≥ 1.5	0	5	%
Maximum difference between connectors on a duplex patch cord			
		5	mm

Nota

1. All parts compliant with RoHS
2. Compliance with Telcordia GR326
3. Optical Performance

Item	SM				MM
	1310nm		1550nm		850nm
	UPC	APC	UPC	APC	UPC
Insertion Loss	< / = 0.2dB	< / = 0.2dB	< / = 0.2dB	< / = 0.2dB	< / = 0.2dB
Return loss	> / = 55dB	> / = 65dB	> / = 55dB	> / = 65dB	-



4. Geometrical end face tolerances

Item	Radius (mm)	Fiber Height (nm)		Apex Offset (um)	Angle (°)
		SM	MM		
		2.5mm UPC	10-25		
2.5mm APC	5-12	-50+50	-100+100	<50	8+/-0.3
1.25mm UPC	7-20	-50+50	-100+100	<50	

5. When checking in 200x microscope, no scratches, dust or debris shall be visible.
6. Operating temperature -40~+70℃
Storage temperature -40~+70℃

Part No.	Fiber Type	Cable	LC Housing	LC Boot Simplex	LC Boot Duplex	
					Fiber 1	Fiber 2
					444LXX	G.652D
A44LXX	G.657A	Blue (RAL5012)	Blue	White ¹⁾	Black ¹⁽²⁾	Red ¹⁽³⁾
544LXX	62.5/125 OM1	Grey (RAL7004)	Beige	White ¹⁾	Black ¹⁽²⁾	Red ¹⁽³⁾
644LXX	50/125 OM2	Orange (RAL2011)	Beige	White ¹⁾	Black ¹⁽²⁾	Red ¹⁽³⁾
744LXX	50/125 OM3	Aqua (RAL6034)	Beige	White ¹⁾	Black ¹⁽²⁾	Red ¹⁽³⁾
D44LXX	50/125 OM4	Purple (RAL4001)	Beige	White	Black ¹⁽²⁾	Red ¹⁽³⁾

- ¹⁾ White shrink tube.
- ²⁾ Black boot marked A.
- ³⁾ Red boot marked B.
- ⁴⁾ Fibre 1 shall be marked A and fibre 2 shall be marked with B.
- ⁵⁾ The connector shall be marked so it is possible to identify the fibre. (e.g. A and B)
LC duplex shall have clip to make the separate connectors a duplex connector. The clip shall be easy removable with retained function.

5	TUBE,BLACK HEAT SHRINK,(LENGTH:15±3mm)	2
4	Lable	1
3	LC 2.0mm Connector	2
2	SC 2.0mm Connector	2
1	Φ2.0mm LSZH Jacket Duplex Optical Cable	L
	DESCRIPTOPN	Qty

Title	SC/UPC-LC/UPC Ø2.0mm LSZH Cable Duplex Patch cord					
Ser.No:			Spec:			
Drawing	Kelvin	2013-09-24	Drawing No:			
Check	Bill	2013-09-24	Material:			
Approve	William	2013-09-24	Scale: N/A	Unit: mm	⊕ ⊞	Ver: 1.00 Page: 1 of 1

DIREKTRONIK