 <p>Sri Lanka Telecom One Country. One Voice.</p>	<p align="center"><b>Specification for Fiber Patch Cord</b></p>	<p>Issue No. : 01 Date of Issue : 25/10/2017 Revision No. : 03 Date of Revision : Page : 1 of 4</p>
--	---	---

**Introduction:** This specification relates to standards and requirements of the Patch Codes.

**Application:** Applicable locations in FTTH network are mentioned below.

- Inside FDP – Terminate fiber drop wire into FDP
- Inside Rosette - Terminate fiber drop wire into Rosette




### Characteristics, Specifications & Requirements

1. One end SC-UPC and other end SC-APC
2. One end connector colour is Blue (SC-UPC) and other is green (SC-APC)
3. Fiber type – SINGLE MODE
4. Standard - IEC61754-4
5. Cable type – G.657.A2
6. The outer sheath of the cable is PVC material
7. Outer sheath Colour is Yellow
8. Length – 1m, 2m, 3m, 5m, 0.5m, 0.6m
9. Insertion Loss – Typical<0.1dB, Max<0.3dB
10. Return Loss – Typical: -50dB
11. Repeatability - <0.1dB

\* Note: Branding Unit approved SLT Logo is given below.




- 1 **Supplier Compliance Sheet – to be filled by the supplier – in Page 2**
- 2 **QA Section Test Report – to be filled by the QA Staff – in Page 3**
- 3 **Field Report Format – to be filled by the field staff – in Page 4**

 <p>Sri Lanka Telecom One Country. One Voice.</p>	<p><b>Specification for Fiber Patch Cord</b></p>	<p>Issue No. : 01 Date of Issue : 25/10/2017 Revision No. : 03 Date of Revision : Page : 2 of 4</p>
--	--	---


### Supplier Compliance Sheet

Index No:	Characteristics	Feature	SLT Requirement	Complied/ Not Complied	If Complied, whether it has been provided with the Bid Proposal (Yes / No)	Location of the Reference (Document No., Chapter No., Heading No., Paragraph No., Line No. of the supporting bid document)	Explanatory Notes
1	General	1.1 Product Description	Fiber Patch Code				
		1.2 Number of years, does Patch Code manufacturer provides its product in international/Local Telco industry	More than 3 years				
		1.3 Complete profile of Patch Code manufacturer is supplied	Data sheets, Specification sheets, Profile of company				
2	Dimensions	2.1 Length	1m, 2m,3m, 5m, 0.6m, 0.5m				
3	Material	3.1 Outer Sheath color	Yellow				
		3.2 Outer sheath material	PVC/LSZH				
		3.3 Connector color	SC-UPC: Blue, SC-APC: Green				
4	Characteristics	4.1 Cable Type	G.657.A2				
		4.2 Cable standard	IEC61754-4				
		4.3 Fiber Type	Single Mode				
		4.4 Insertion Loss	Typical<0.1dB, Max<0.3dB				
		4.5 Return Loss	Typical: -50dB				
		4.6 Connection durability	>1000 times				
		4.7 Type of connectors	One end SC-UPC, other SC-APC				
Signature		Company(Signature with Frank)					
Name							
Date							

 <p>Sri Lanka Telecom One Country. One Voice.</p>	<p align="center"><b>Specification for Fiber Patch Cord</b></p>	<p>Issue No. : 01 Date of Issue : 25/10/2017 Revision No. : 03 Date of Revision : Page : 3 of 4</p>
--	---	---

### QA Section Test Report

Index No.	Characteristics	Feature	SLT Requirement	Measurement/Observation
1	General	1.1 Product Description	Fiber Patch Code	
		1.2 Number of years, does Patch Code manufacturer provides its product in international/Local Telco industry	More than 3 years	
		1.3 Complete profile of Patch Code manufacturer is supplied	Data sheets, Specification sheets, Profile of company	
2	Dimensions	2.1 Length	1m, 2m,3m,5m, 0.6m, 0.5m	
3	Material	3.1 Outer Sheath color	Yellow	
		3.2 Outer sheath material	PVC/LSZH	
		3.3 Connector color	SC-UPC: Blue, SC-APC: Green	
4	Characteristics	4.1 Cable Type	G.657.A2	
		4.2 Cable standard	IEC61754-4	
		4.3 Fiber Type	Single Mode	
		4.4 Insertion Loss	Typical<0.1dB, Max<0.3dB	
		4.5 Return Loss	Typical: -50dB	
		4.6 Connection durability	>1000 times	
		4.7 Type of connectors	One end SC-UPC, other SC-APC	
Signature		Signature with Frank		
Name				
Date				

 <p>Sri Lanka Telecom One Country. One Voice.</p>	<p align="center"><b>Specification for Fiber Patch Cord</b></p>	<p>Issue No. : 01 Date of Issue : 25/10/2017 Revision No. : 03 Date of Revision : Page : 4 of 4</p>
--	---	---

### Field Report Format

No	Observations/ Experience at the Installation/ subsequent	Comment	Remarks if any
1	Length-1m, 2m,3m,5m, 0.6m, 0.5m	Yes/ No	
2	Outer cover is plastic	Yes/ No	
3	Outer Sheath color-Yellow	Yes/No	
4	Outer sheath material-PVC/LSZH	Yes/No	
5	Connector color-Blue/Other side: Green	Yes/No	
6	Cable Type-G.657.A2	Yes/No	
7	Fiber Type-Single Mode	Yes/No	
8	Type of connectors-one side SC-UPC, other side SC-APC	Yes/No	
9	Insertion Loss-Typical<0.1dB, Max<0.3dB	Yes/No	
Signature.....		Date:.....	
Service No.....			

Sri Lanka Telecom PLC