

 <p>Sri Lanka Telecom One Country. One Voice.</p>	<p align="center">Specification for Fiber Fusion Splice Sleeve</p>	<p>Issue No. : 01 Date of Issue : 22-Nov-2017 Revision No. : Nil Date of Revision : Nil Page : 1 of 6</p>
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1 Scope

This specification covers the requirements to satisfy the **Field Fusion Splice Sleeve** used in FTTH networks in Sri Lanka Telecom in provisioning FTTH services

2 Characteristics and Requirements

Following requirements in Table 1 shall be satisfied by the product.

Index No.	Characteristics	Feature	SLT Requirement
1	General	1.1 Product Description	Fiber Fusion Splice Sleeve (FFSS)
		1.2 Number of years, does FFSS manufacturer provides its product in international Telco industry	More than 3 years
		1.3 Manufacture name	Provided
		1.3 Complete profile of FFSS manufacturer is supplied	Data sheets, Specification sheets, Profile of company
		1.4 Brand Name	Provided
		1.5 Country of Origin	Provided
2	Characteristics	2.1 Heating time	2-3 minutes @ 120 Celsius
		2.2 Minimum shrink temperature	80 - 90 Celsius
3	Material	3.1 Heat Shrink Tube Material	EVA
		3.2 Adhesive tube material	EVA
		3.3 Stainless steel bar material	SUS 304 standard
		3.4 Tube	Transparent
4	Dimensions	4.1 Sleeve Length	60mm and 40mm (Two Types/ + or - 1mm tolerance)
		4.2 Stainless Steel bar diameter	1mm-1.5mm (+/- 0.05mm tolerance)
		4.3 Stainless Steel Bar Length	55mm for 60mm sleeve and 35mm for 40mm sleeve. (+/-0.1 mm tolerances)

Contd...

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		4.4 Size after shrinking	3mm - 3.5mm (min. diameter) for 60mm sleeve and 2mm-2.5mm (min. diameter) for 40mm sleeve
5	Other Requirements	5.1 Number of samples required	60mm- 10Nos, 40mm- 10Nos

Table 1

* Note: Branding Unit approved SLT Logo is given below. Not compulsory for fiber sleeve.



- 3 Supplier Compliance Sheet – to be filled by the supplier – in Page 3**
- 4 QA Section Test Report – to be filled by the QA Staff – in Page 5**
- 5 Field Report Format – to be filled by the field staff – in Page 6**

Sri Lanka Telecom PLC

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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 Fusion Splice Sleeve (FFSS)				
		1.2 Number of years, does FFSS manufacturer provides its product in international Telco industry	More than 3 years				
		1.3 Manufacture name	Provided				
		1.3 Complete profile of FFSS manufacturer is supplied	Data sheets, Specification sheets, Profile of company				
		1.4 Brand Name	Provided				
		1.5 Country of Origin	Provided				
2	Characteristics	2.1 Heating time	2-3 minutes @ 120 Celsius				
		2.2 Minimum shrink temperature	80 - 90 Celsius				
3	Material	3.1 Heat Shrink Tube Material	EVA				

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		3.2 Adhesive tube material	EVA				
		3.3 Stainless steel bar material	SUS 304 standard				
		3.4 Tube	Transparent				
4	Dimensions	4.1 Sleeve Length	60mm and 40mm (Two Types/ + or - 1mm tolerance)				
		4.2 Stainless Steel bar diameter	1mm-1.5mm (+/- 0.05mm tolerance)				
		4.3 Stainless Steel Bar Length	55mm for 60mm sleeve and 35mm for 40mm sleeve. (+/-0.1 mm tolerances)				
		4.4 Size after shrinking	3mm - 3.5mm (min. diameter) for 60mm sleeve and 2mm-2.5mm (min. diameter) for 40mm sleeve				
5	Other Requirements	5.1 Number of samples required	60mm- 10Nos, 40mm- 10Nos				
Signature				Company(Signature with Frank)			
Name							
Date							

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QA Section Test Report – to be filled by the QA Staff

Index No.	Characteristics	Feature	SLT Requirement	Measurement/Observation
1	General	1.1 Product Description	Fiber Fusion Splice Sleeve (FFSS)	
		1.2 Number of years, does FFSS manufacturer provides its product in international Telco industry	More than 3 years	
		1.3 Manufacture name	Provided	
		1.3 Complete profile of FFSS manufacturer is supplied	Data sheets, Specification sheets, Profile of company	
		1.4 Brand Name	Provided	
		1.5 Country of Origin	Provided	
2	Characteristics	2.1 Heating time	2-3 minutes @ 120 celcius	
		2.2 Minimum shrink tempera	80 - 90 celcius	
3	Material	3.1 Heat Shrink Tube Material	EVA	
		3.2 Adhesive tube material	EVA	
		3.3 Stainless steel bar material	SUS 304 standard	
		3.4 Tube	Transparent	
4	Dimensions	4.1 Sleeve Length	60mm and 40mm (Two Types/ + or - 1mm tolerance)	
		4.2 Stainless Steel bar diameter	1mm-1.5mm (+/- 0.05mm tolerance)	
		4.3 Stainless Steel Bar Length	55mm for 60mm sleeve and 35mm for 40mm sleeve. (+/- 0.1 mm tolerances)	
		4.4 Size after shrinking	3mm - 3.5mm (min. diameter) for 60mm sleeve and 2mm-2.5mm (min. diameter) for 40mm sleeve	
5	Other Requirements	5.1 Number of samples required	60mm- 10Nos, 40mm- 10Nos	
Signature			Signature with Frank	
Name				
Date				

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Field Report Format – to be filled by the field staff

Material Description: Fiber Fusion Splice Sleeve

Part No:

Area Installed:

No	Observations/ Experience at the Installation/ subsequent	Comment	Remarks if any
1	Transparent	Yes/ No	
2	Stainless steel bar	Yes/ No	
3	Length 60mm and 40 mm	Yes/ No	
4	Any losses after installation	Yes/No	
5	Heating time - 2-3 minutes	Yes/No	
6	Fualts observed (Frequency of faults can be mentioned under remarks column	Yes/No	
Signature.....		Date:.....	
Service No.....			