 <p>Sri Lanka Telecom One Country. One Voice</p>	<p align="center">Specification for Fiber Wall Socket (FWS)</p>	<p>Issue No. : 01 Date of Issue : 14/08/2017 Revision No. : 02 Date of Revision : Page : 1 of 5</p>
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Introduction: This specification relates to the standards and requirements of the Fiber Wall Socket (FWS/Wall Outlet / Rosette) in FTTH work.

Application: FTTH Wall Outlet / Rosette is designed to terminate fiber optic cables inside the customer premises. This will be the point of provide connectivity for ONT.


Characteristics, Specifications & Requirements

1. Indoor application.
2. Should have better outer appearance.
3. Color is White.
4. Industry standard user interface be made of high impact plastic.
5. Compact size takes up less wall space for installation.
6. Should have a facility to install cover to the base without screws.
7. Minimum 1 outlet and 1 inlet.
8. Perfect fiber route design to ensure bend radius of fibers.
9. Must accommodate maximum 2m and minimum 1m drop cable.
10. Must accommodate minimum 1 SC/UPC adapter.
11. Various diameters of drop cable can accommodate.
12. The plastic used for the Demarcation box shall have long life and be of high quality to withstand the ambient temperature and the environment conditions in Sri Lanka.
13. All material should comply with IP 65 /IP 66.
14. All material should comply with RoHS.

* 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 4**
- 3 Field Report Format – to be filled by the field staff – in Page 5**


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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 Wall Socket (FWS)				
		1.2 Number of years, does FWS manufacturer provides its product in international/Local Telco industry	More than 2 years				
		1.3 Complete profile of FWS manufacturer is supplied	Data sheets, Specification sheets, Profile of company				
2	Dimensions	2.1 Compact size	Ability to install using minimum area on wall				
3	Material	3.1 Base & Housing	Industry standard user interface be made of high impact plastic				


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		3.2 Durability	The plastic used for the FWS shall have long life and be of high quality to withstand the ambient temperature and the environment conditions in Sri Lanka				
		3.3 Material Standard	IP 65 /IP 66				
		3.4 Health & Safety standard	RoHS				
		3.5 Impact Resistance	Ability to withstand drop impact around 2m height.				
		3.6 Color	White				
4	Internal Characteristics	4.1 Splicing sleeve placement	Specific space allocation for placing fusion splice sleeves, 40mm/60mm				
		4.2 Drop cable diameter housing	Various diameters of drop cable can be accommodated.				
		4.3 Drop cable Accommodation method	Perfect fiber route design to ensure bend radius of fibers				
		4.4 Possible Drop cable coil	* Min. Length: 1m * Max. Length:2m				
		4.5 SC/UPC Adaptor	Must include 1 minimum.				
		4.6 Inlet and Outlet	Minimum 1 outlet and 1 inlet with proper seal or protection				
5	External Characteristics	5.1 Attachment method of base with outer cover	Should have a facility to install cover to the base without screws. Eg: Sliding				
		5.2 Indoor application	Indoor application				
Signature				Company(Signature with Frank)			
Name							
Date							

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QA Section Test Report

Index No.	Characteristics	Feature	SLT Requirement	Measurement/Observation
1	General	1.1 Product Description	Fiber Wall Socket (FWS)	
		1.2 Number of years, does FWS manufacturer provides its product in international/Local Telco industry	More than 2 years	
		1.3 Complete profile of FWS manufacturer is supplied	Data sheets, Specification sheets, Profile of company	
2	Dimensions	2.1 Compact size	Ability to install using minimum area on wall	
3	Material	3.1 Base & Housing	Industry standard user interface be made of high impact plastic	
		3.2 Durability	The plastic used for the FWS shall have long life and be of high quality to withstand the ambient temperature and the environment conditions in Sri Lanka	
		3.3 Material Standard	IP 65 /IP 66	
		3.4 Health & Safety standard	RoHS	
		3.5 Impact Resistance	Ability to withstand drop impact around 2m height.	
		3.6 Color	White	
4	Internal Characteristics	4.1 Splicing sleeve placement	Specific space allocation for placing fusion splice sleeves, 40mm/60mm	
		4.2 Drop cable diameter housing	Various diameters of drop cable can be accommodated.	
		4.3 Drop cable Accommodation method	Perfect fiber route design to ensure bend radius of fibers	
		4.4 Possible Drop cable coil	* Min. Length: 1m * Max. Length: 2m	
		4.5 SC/UPC Adaptor	Must include 1 minimum.	
		4.6 Inlet and Outlet	Minimum 1 outlet and 1 inlet with proper seal or protection	
5	External Characteristics	5.1 Attachment method of base with outer cover	Should have a facility to install cover to the base without screws. Eg: Sliding	
		5.2 Indoor application	Indoor application	
Signature			Signature with Frank	
Name				
Date				

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Field Report Format

No	Observations/ Experience at the Installation/ subsequent	Comment	Remarks if any
1	Housing Material is Plastic	Yes/ No	
2	Outer cover is plastic	Yes/ No	
3	Color-White	Yes/ No	
4	Includes 1 SC/UPC Adaptor at least.	Yes/No	
5	Ability to withstand drop impact around 2m height.	Yes/No	
6	The plastic used for the FWS with high life span and be of high quality to withstand the ambient temperature and the environment conditions in Sri Lanka	Yes/No	
7	Allocated space for placing fusion splice sleeves is acceptable.	Yes/No	
8	Ability to install using minimum area on wall.	Yes/No	
9	Easy to remove insulation of fiber	Yes/No	
10	Various diameters of drop cable can be accommodated.	Yes/No	
11	Perfect fiber route design to ensure bend radius of fibers	Yes/No	
12	Should have a facility to install cover to the base without screws. Eg: Sliding	Yes/No	
13	Minimum 1 outlet and 1 inlet with proper seal or protection	Yes/No	
14	Able to coil drop cable around 1m-2m.	Yes/No	
15	Recommendation to install in SLT network	Recommended/ Not Recommended	
Signature.....		Date:.....	
Service No.....			