

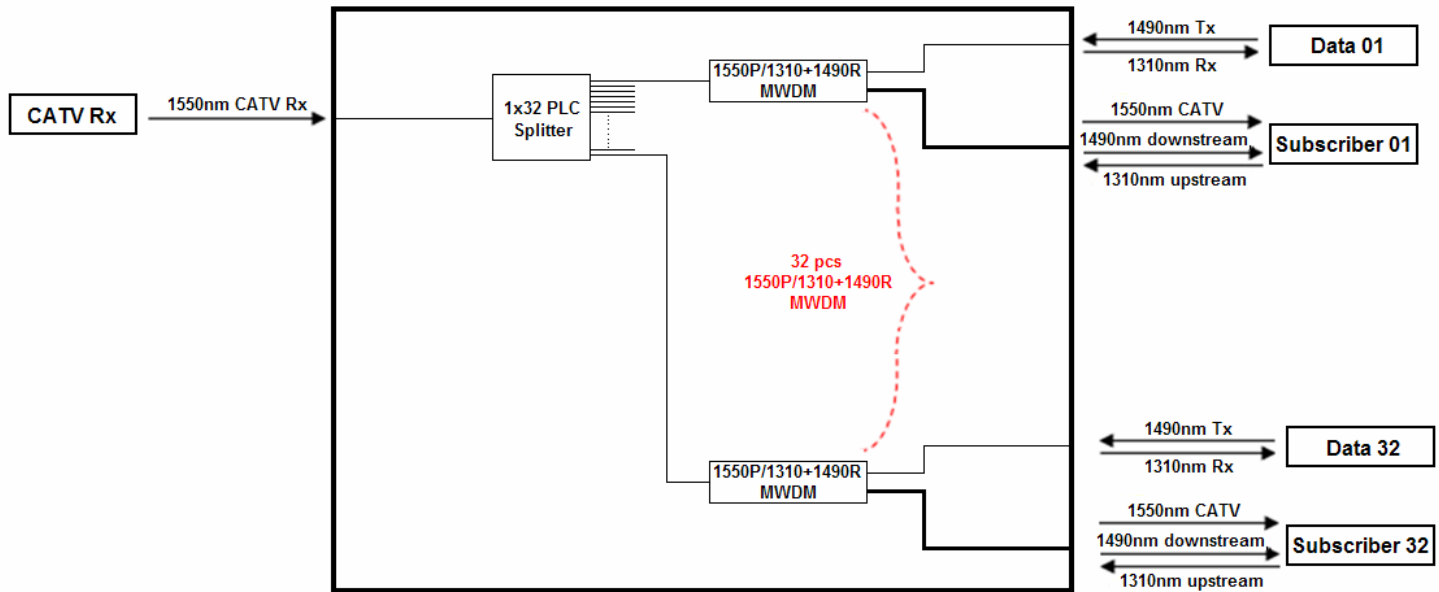
Product : 1×32 PLC Splitter add 15P/13+14R WDM Module - Slave

	Oplink	Customer	Remark
Spec Number	T0xxx		
Revision	00		
Part Number	MWDMG1514FSMA02		

1 Document History

Date	Status	Author	Remarks
03/26/07	Rev. 00	Tommy Wang	Original Specification

2 Product Configurations



Note: 3 groups of modules to be installed in a 1U×19" module box.

Originator: Tommy Wang Printed Date: 3/26/07	Approval: Date:
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3 Specifications

3.1 Optical Specifications

Item	Parameters	Min	Typ	Max	Units	Note [1]
1.	Pass Band Wavelength Range (λ_p)	1540~1560			nm	
2.	Reflection Band Wavelength Range (λ_r)	1260~1500			nm	
3.	Insertion Loss	CATV Rx \leftrightarrow Subscriber @ λ_p		19.1	dB	
		Data \leftrightarrow Subscriber @ λ_r		0.9		
4.	Isolation	CATV Rx \leftrightarrow Subscriber @ λ_r		25	dB	
		Data \leftrightarrow Subscriber @ λ_p		20		
5.	Polarization Dependent Loss	CATV Rx \leftrightarrow Subscriber @ λ_p		0.40	dB	
		Data \leftrightarrow Subscriber @ λ_r		0.10		
6.	Directivity	50			dB	
7.	Return Loss	45			dB	
8.	Optical Power			500	mW	

Note:

[1] All spec **including** connector loss.

3.2 Environment Conditions

Item	Parameters	Symbol	Min	Typ	Max	Units	Note
9.	Operating Temperature	Top	0		70	°C	[2]
10.	Storage Temperature	Tstor	-40		85	°C	
11.	Operating Relative Humidity	RHop	20		90	%	[3]
12.	Storage Relative Humidity	RHstor	20		90	%	

Note:

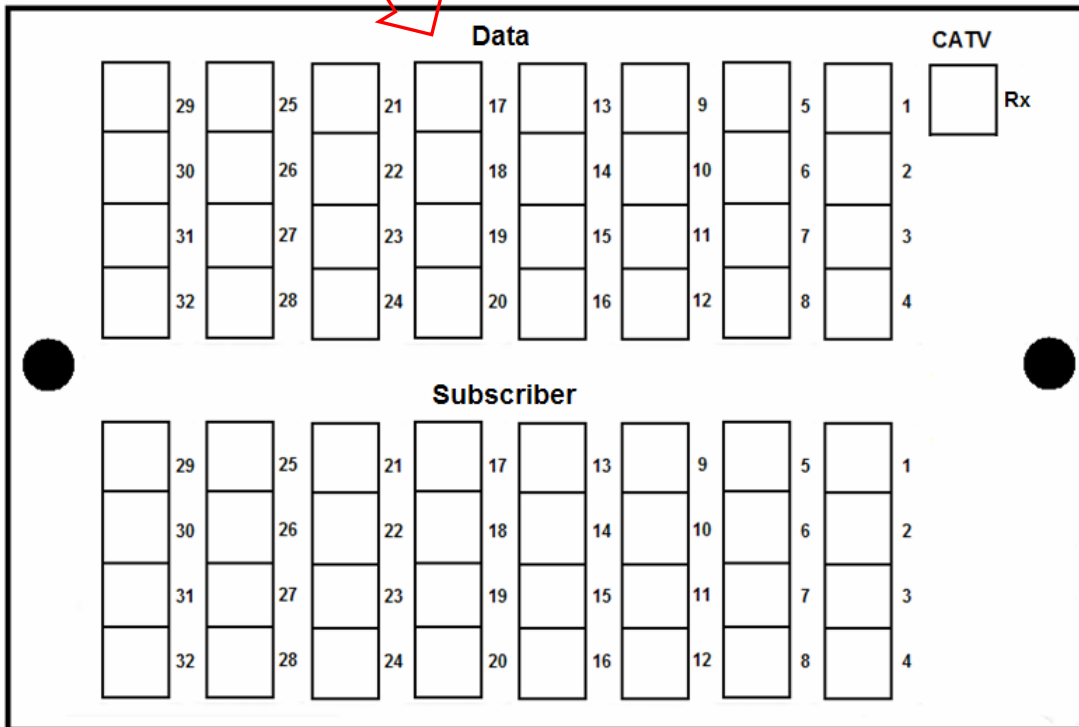
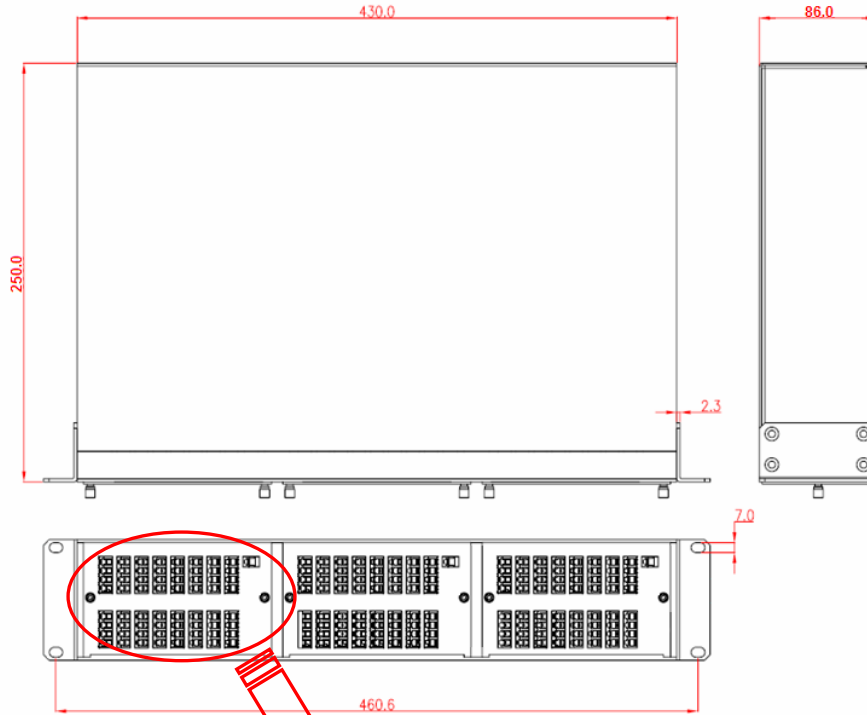
[2] All testing is done at room temperature unless otherwise stated..

[3] Not to exceed industrial standard of 0.024 kg water per kg of dry air. Under Non-condensing Conditions.

3.3 Mechanical Specifications

Item	Parameters	Specifications
13.	Packaging Dimensions	2U \times 19" (250mm length) includes 3 groups of 1 \times 64 modules
14.	Fiber Type	SMF-28
15.	Connector Type	LC/APC
16.	Adaptor Type	quad LC adaptor (Green housing)

4 Drawing



Originator: Tommy Wang	Approval:
Printed Date: 1/25/07	Date:



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5 Packing Type

Package sponge and carton designed by oplink, or use oplink standard package.

Note: No Oplink Logo on body, package.

6 Delivery Data

Test Results Sheet, Which Must Include IL, IS, RL and PDL.
Other Parameters Will Be Sample Tested Only.

No OPLINK logo in the FI report.

Originator: Tommy Wang Printed Date: 1/25/07	Approval: Date:
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