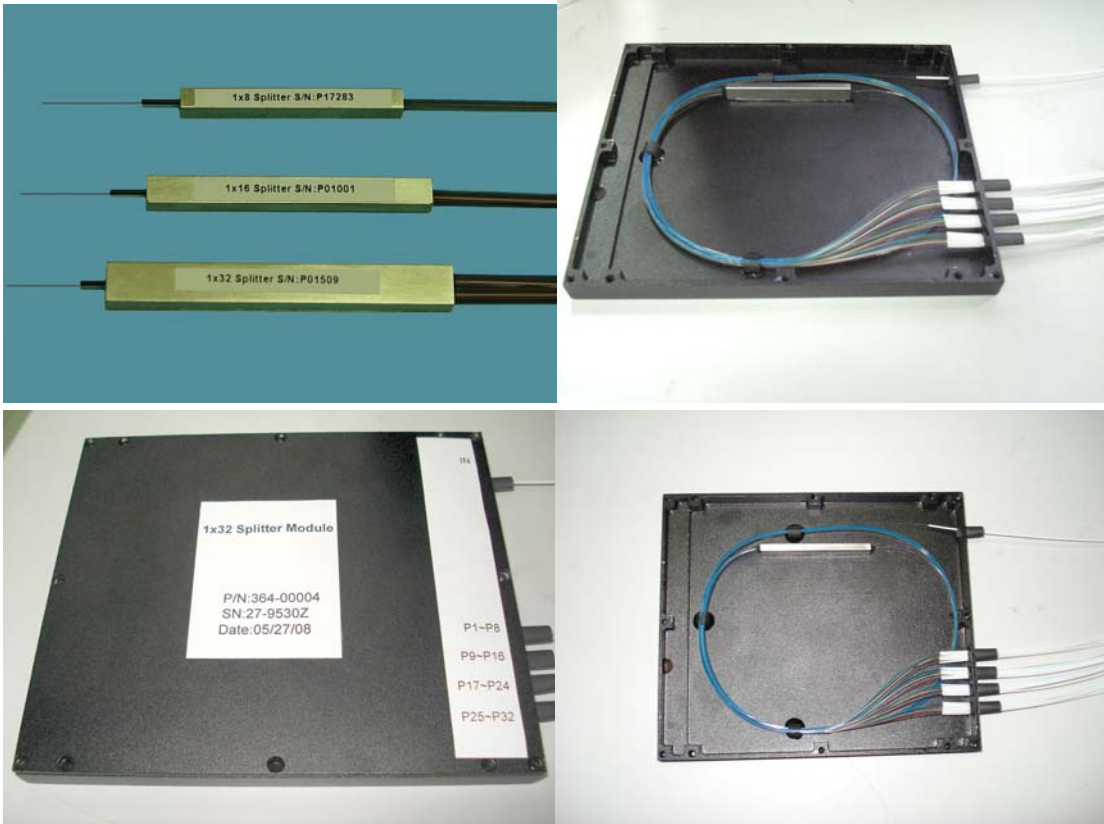


PLC (Planar Lightwave Circuits) Splitters



Features

- Low Insertion Loss
- Low PDL
- Excellent Environmental & Mechanical Stability
- Qualified Under Telcordia GR-1221 and GR-1209

Applications

- FTTX(FTTP,FTTH,FTTN,FTTC)
- Passive Optical Networks(PON)
- Local Area Networks(LAN)
- Cable Television
- Test Equipments

Performance Specifications

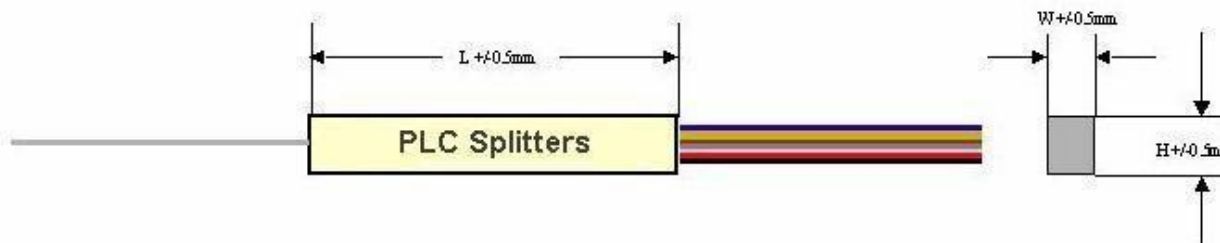
Parameter	Specification
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Operating Wavelength (nm)	1260 ~ 1650								
Type	1x4	1x8	1x16	2x4	2x8	2x16	1x32	2x32	1x64
Insertion Loss (dB) Max.*	<7.3	<10.8	<13.8	<7.6	<11.2	<14.5	<17.2	<18.2	<20.5
Uniformity (dB) Max.*	<0.7	<0.8	<0.9	<1.0	<1.5	<2.0	<1.0	<2.5	<2.5
PDL(dB)Max.*	<0.2	<0.2	<0.3	<0.3	<0.3	<0.4	<0.3	<0.4	<0.3
Directivity (dB) Min *	55								
Return Loss (dB) Min *	55(50)								
Operating Temperature (°C)	-5~ +75								
Storage Temperature (°C)	-40 ~ +85								
Fiber length	1m or custom length								
Fiber Type	Corning SMF-28e fiber								
Connector Type	Custom specified								
Power Handling (mW)	300								

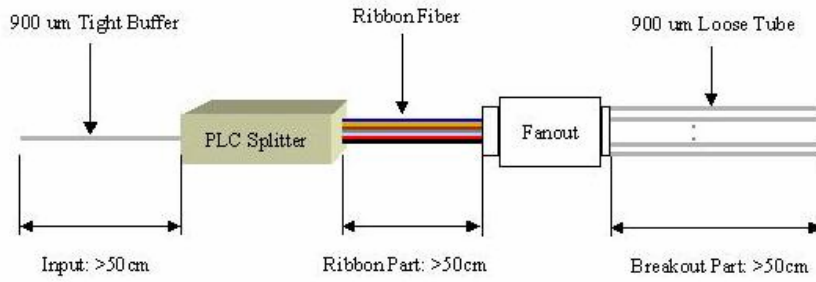
* 1.Measured at room temperature and excludes connector loss.

2.For devices with connectors, insertion loss will be 0.3dB higher. Return Loss >55dB(APC),>50dB(UPC).

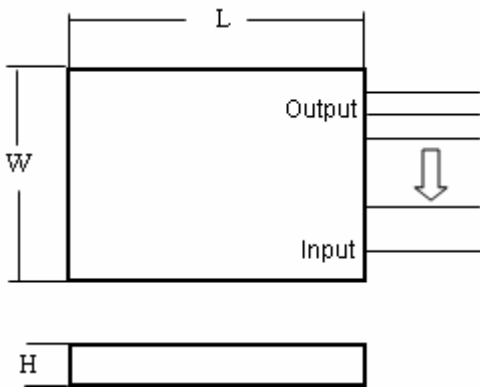
Dimensions (Without Fanout and Connectors)



Drawings (With Fanout, no Connectors)



Drawings (Module)



Dimensions

PLC type(N)	Package Type	
	Tube(W*H*L)mm	Module(L*W*H)mm
4	4*4*40	100*80*10
8	4*4*40	100*80*10
16	4*7*50	120*80*18
32	4*7*50	142*102*14.5/141*115*18
64		141*115*18

Ordering Information

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wavelength	Grade	Port	Input Pigtail Style	Fiber Length	Input Connector	Output Connector	Package Type (Optional)



Fiberer Global Tech Ltd

NO. 1 Service NO.1 Quality

35=1310/1550nm	P= P	010	1=BareFiber	1=1m	0=None	0=None	P1=Tube
345=1310/1480/1550nm	Grade	4=1 x 4	2=900um	2=2m	1=FC/APC	1=FC/APC	P2=Fanout
13=1310nm		0108=1	Jacket		2=FC/PC	2=FC/PC	P3=100*80*10mm
15=1550nm		x 8			3=SC/APC	3=SC/APC	Case
		0116=1			4=SC/PC	4=SC/PC	P4=120*80*18mm
		x 16			5=ST	5=ST	Case
		0132=1			6=LC	6=LC	P5=19" Rack
		x 32			7=LC/APC	7=LC/APC	P6=142*102*14.5mm
		0216=2				8=8 Fiber	Case
		x 16				MPO(male)	P7=141*115*18mm
		0232=2				9=8 Fiber	Case
		x 32				MPO(famale)	
						X=Special	