

PLC Splitter

Features

- ◆ Low Insertion Loss
- ◆ Low PDL
- ◆ Flexible packages for different installing environment
- ◆ Compliance with RoHS

Applications

- ◆ FTTx
- ◆ LAN WAN System
- ◆ CATV Links
- ◆ PON
- ◆ Optical signal power distribution system

1XN PLC Splitter

Port Configuration		1×2	1×4	1×8	1×16	1×32	1×64
Operating Wavelength (nm)		1260-1650					
Fiber Type		G657A1 or customer specified					
Insertion Loss (dB)	Max	3.9	7.2	10.3	13.6	16.9	20.2
Loss Uniformity (dB)	Max	0.8	0.8	0.8	1	1.5	2
Polarization Dependent Loss(dB)	Max	0.2	0.2	0.2	0.25	0.3	0.35
Return Loss (dB)	Min	≥50	≥50	≥50	≥50	≥50	≥50
Directivity (dB)	Min	≥55	≥55	≥55	≥55	≥55	≥55
Wavelength Dependent Loss(dB)	Max	0.8	0.8	0.8	1	1	1
Temperature Stability(-40~85 °C)(dB)	Max	0.5	0.5	0.5	0.5	0.5	0.5
Operating Temperature (°C)		-40~85					
Storage Temperature (°C)		-40~85					
Device Dimension (mm) (L×W×H)		40×4×4	40×4×4	40×4×4	50×4×4	50×7×4	60×12×4
Mini-Module Dimension (mm) (L×W×H)		60×7×4	60×7×4	60×7×4	60×12×4	80×20×6	100×40×6
Module Dimension (mm) (L×W×H)		100×80×10	100×80×10	100×80×10	120×80×18	140×115×18	140×115×18

Connector loss not included

2XN PLC Splitter

Port Configuration		2×2	2×4	2×8	2×16	2×32	2×64
Operating Wavelength (nm)		1260-1650					
Fiber Type		G657A1 or customer specified					
Insertion Loss (dB)	Max	4.2	7.5	10.5	13.9	17.3	20.5
Loss Uniformity (dB)	Max	0.8	0.8	0.8	1	1.5	2
Polarization Dependent Loss (dB)	Max	0.2	0.2	0.3	0.3	0.35	0.4
Return Loss (dB)	Min	≥50	≥50	≥50	≥50	≥50	≥50
Directivity (dB)	Min	≥55	≥55	≥55	≥55	≥55	≥55
Wavelength Dependent Loss(dB)	Max	0.8	0.8	0.8	1	1	1
Temperature Stability(-40~85 °C)(dB)	Max	0.5	0.5	0.5	0.5	0.5	0.5
Operating Temperature (°C)		-40~85					
Storage Temperature (°C)		-40~85					
Device Dimension (mm) (L×W×H)		50×4×4	50×4×4	50×4×4	50×7×4	60×7×4	N/A
Mini-Module Dimension (mm) (L×W×H)		60×7×4	60×7×4	60×7×4	60×12×4	100×20×6	N/A
Module Dimension (mm) (L×W×H)		100×80×10	100×80×10	100×80×10	120×80×18	140×115×18	140×115×18

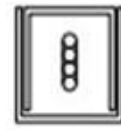
Connector loss not included

Packages

0.9mm tight buffer

1X4 Bare device (SS)

4CH Ribbon



0.9mm tight

1X4 Mini Module

0.9mm loose



1X4 Box Module
(Black Plastic box)

Options:
0.9mm loose tube
2.0mm cable
3.0mm cable



Ordering Information

GLS	Splitting type	Pitch Core	Package type	Input		Output		Connector	
				Cable type	Cable length	Cable type	Cable length	input	output
GB-Link PLC Splitter	102=1X2	F=250um	BD=bare device	B=250um bear fiber	03=0.3m	B=250um bear fiber	03=0.3m	0=No connector	
	104=1X4	H=127um	MM=mini module	T=tight buffer	05=0.5m	T=tight buffer	05=0.5m	1=SC/APC	
	108=1X8		BX=box module	09=0.9mm loose tube	10=1m	09=0.9mm loose tube	10=1m	2=SC/UPC	
	116=1X16		LG=LGX case	20=2.0mm loose tube	15=1.5m	20=2.0mm loose tube	15=1.5m	3=LC/APC	
	132=1X32		19=1U 19" Rack	30=3.0mm loose tube	20=2m	30=3.0mm loose tube	20=2m	4=LC/UPC	
	164=1X64			CO=Customerized		CO=Customerized		5=FC/APC	
	202=2X2							6=FC/UPC	
	204=2X4							ST=ST connector	
	208=2X8							MU=MU connector	
	216=2X16			CO=customerized					
	232=2X32								
	264=2X64								

F/2,D Building, Fuxin Industrial Area, 3rd Yangxia Street, Shajin Town, Shenzhen, China

Tel: 86-755-27683696

Fax: 86-755-36652839

[Http://www.GB-Link.com](http://www.GB-Link.com)