

PLC Splitter

Features

- I Low Insertion Loss
- I Low PDL
- I Wide Operating Wavelength
- I High Stability and reliability

Applications

- I FTTX Systems
- I PON Network
- I CATV Links
- I Optical Signal Distribution

Performance Specifications

Parameter		Unit	Specification									
Operating Wavelength		nm	1260~1650									
Type		/	1x4	1x8	1x16	1x32	1x64	2x4	2x8	2x16	2x32	2x64
Insertion Loss	Typical	dB	6.8	10.0	13.0	16.0	19.5	7.0	10.5	13.5	16.5	20.5
	Max	dB	7.3	10.6	13.7	16.8	21.0	7.6	11.0	14.5	17.5	21
Uniformity	Typical	dB	0.5	0.5	1.0	1.0	1.5	0.8	1.0	1.2	1.5	2.0
	Max	dB	0.6	0.8	1.2	1.5	2.0	1.0	1.2	1.5	1.8	2.2
PDL	Typical	dB	0.15	0.15	0.2	0.25	0.3	0.15	0.2	0.2	0.3	0.3
	Max	dB	0.2	0.2	0.25	0.3	0.35	0.2	0.3	0.4	0.4	0.4
Directivity		dB	≤55									
Return Loss		dB	≤50									
Operating Temperature			-40~+85									
Storage Temperature			-40~+85									
Fiber type		/	ITU G652.D/ G657.A									
Bare Fiber		mm	40x4x4	50x4x4	50x7x4	60x12x4	50x4x4	50x7x4	60x7x4	60x12x4		
Mini Module		mm	60x7x4	60x12x4	80x20x6	100x40x6	60x7x4	60x12x4	80x20x6	100x40x6		
Module		mm	100x80x10	120x80x18		141x15x15	100x80x10	120x80x18		141x15x15		
Rackmount		mm	19" 1U Rackmount, LGX Box									

Note: 1. Customization is available.

2. Specified without connector, and add an additional 0.2dB loss per connector.

Ordering Information

Mode	Port Configuration	Wavelength	Fiber Diameter	Fiber Length	Input Connector	Output Connector
PLC Splitter	102=1x2	1260~1650nm	25=250um	05=0.5m	OO=None	OO=None
	104=1x4		90=900um	10=1.0m	FP=FC/PC	FP=FC/PC
	108=1x8		20=2.0mm	15=1.5m	FA=FC/APC	FA=FC/APC
	132=1x32		30=3.0mm	X=Others	SP=SC/PC	SP=SC/PC
	164=1x64		X=Others		SA=SC/APC	SA=SC/APC
	202=2x2				LP=LC/PC	LP=LC/PC
				LA=LC/APC	LA=LC/APC
	264=2x64				X= Others	X= Others