

2xN SM PLC Splitter

2xN SM Planar Lightwave Circuit (PLC) is a fiber optic component built with silica optical waveguiding technology, it's used to split the signal optical power with even ratio, it's widely applied in telecommunication, FTTx, CATV and PON Network field, the MM and PM types are available upon request.

Application:

FTTx
PON Network
CATV System
Optical Power Distribution

Features:

Low PDL
Compact Package
Low Insertion Loss
High Reliability



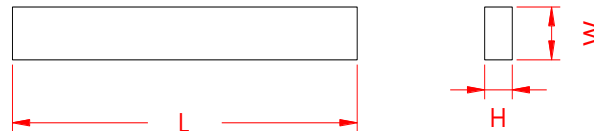
Specification:

Parameter	Symbo	Value						Unit
Configuration		2x2	2x4	2x8	2x16	2x32	2x64	-
Operating Wavelength	λ	1260-1650						nm
Max. Insertion Loss	IL	3.9	7.3	10.5	14.4	17.4	21.0	dB
Max. Insertion Loss Uniformity		0.6	1	1.2	1.5	1.8	2.2	dB
Max. Polarization Dependent Loss	PDL	0.2	0.2	0.2	0.3	0.3	0.3	dB
Max. Wavelength Dependent Loss	WDL	0.3	0.4	0.5	0.5	0.5	0.5	dB
Package Dimension	For 250um Bare Fiber	50x4x4	50x4x4	50x4x4	60x7x4	60x7x4	70x14x4	mm
	For 900um Loose Tube	60x7x4	60x7x4	60x7x4	80x12x4	100x20x6	100x40x6	mm
Min. Directivity		50						dB
Min. Return Loss	RL	50						dB
Fiber Type		G657A1 fiber						-
Max. Tensile Load		5						N
Max. Optical Power (CW)	P	500						mW
Operating Temperature	T	-5~75						°C
Storage Temperature	T	-40~85						°C

Notice: Above specifications are tested at center wavelength without connector in room temperature @23°C.

For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

Drawing



Ordering Information (Part Number):

SMPLC- WWWW - PPP - FF - J - LL - CC					
WWWW	PPP	FF	J	LL	CC
Wavelength	Port	Fiber Type	Fiber Jacket	Fiber length	Connector
1216 - 1260-1620nm	202 - 2x2	G1 - G657A1 SS - Specify	B - 250um Bare Fiber	05 - 0.5m	NE - None FA - FC/APC FU - FC/UPC SA - SC/APC SU - SU/APC LA - LC/APC LU - LC/UPC SS - Specify
	204 - 2x4		9 - 900um Loose Tube	08 - 0.8m	
	208 - 2x8		2 - 2.0mm Loose Tube	10 - 1.0m	
	216 - 2x16		3 - 3.0mm Loose Tube	15 - 1.5m	
	232 - 2x32			20 - 2.0	
	264 - 2x64			SS - Specify	
	2128 - 2x128				
	SSS - Specify				