

PLC Splitters Specifications

Parameters	Performance (Excluding connectors)			
Operating Wavelength (nm)	1260 ~ 1600			
Configuration	1 x 4	1 x 8	1 x 16	1 x 32
Split Ratio (%)	Even			
Maximum Insertion Loss @ 25 °C (dB)	7.2	10.5	13.8	17.5
Maximum Uniformity @25°C (dB)	0.8	1.0	1.5	2.5
Maximum PDL (dB)	0.5			
Optical Return Loss (dB)	= 55			
Optical Directivity (dB)	= 55			
Operating Temperature (°C)	-40 ~ 80			
Storage Temperature (°C)	-40 ~ 85			
Fiber Type	Corning SMF-28			
Package Dimension (LXWXH) (mm)	45x10x6	70x10x6	-	-

Part number of PLC splitter

P	L	C		1	N	E	V	S	M		P			
---	---	---	--	---	---	---	---	---	---	--	---	--	--	--

Wavelength

A=1310 nm
 B=1550 nm
 C=1260~1600 nm

Configuration

N=4, 8, A, B
 Example:
 1A = 1x16
 1B = 1x32

Fiber Type

SM=Single Mode

Fiber Length

10=1.0 m
 15=1.5 m
 30=3.0 m

Package Type

A=Input/250µm and
 Output/ribbon fiber
 B=Input/250µm and
 Output/Fan-out
 C=900µm buffer fiber
 pigtails

Connectors

0=none A=FC/PC
 2=FC/UPC B=SC/SPC
 3=FC/APC C=SC/PC
 4=SC/UPC D=ST/SPC
 5=SC/APC E=ST/PC
 6=ST/UPC F=LC/SPC
 7=LC/UPC G=LC/PC
 9=FC/SPC H=MU/UPC
 I=MU/PC
 J=LC/APC