

Fiber Optic PLC Splitter

Splitter (planar lightwave circuit splitter) is also called Bare PLC splitter, fiber splitter, fiber optic splitter, optical splitter and fiber optic, which is based on planar light wave technology; It is widely used in FTTX, EPOM, GPON field. The PLC splitter we offer are: 1x2, 1x4, 1x8, 1x16, 1x32, 1x64, 2x4, 2x8, 2x16, 2x32, 2x64 PLC splitter in bare device, fan out type, module type, rack mount type and closure types.

TC Optic Fiber (Shenzhen) Limited have unique competitive advantages in our [PLC product](#) platform by leveraging our strong expertise in PLC splitter chips ,V-groove and fiber array which is one-stop solution and service. Our splitters are tested based on the strictest standards of the industry, and we guarantee quality, turnaround and competitive pricing.



Specifications

Type		1×2	1×4	1×8	1×16	1×32	
Operating Wavelength (nm)		1260-1650					
Insertion Loss (dB)	Max	P Grade	3.6	6.9	10.3	13.5	16.5
		S Grade	3.6	7.2	10.5	13.7	16.9
Loss Uniformity (dB)	Max	0.5	0.6	0.8	1.2	1.5	
Return Loss (dB)		≥55	≥55	≥55	≥55	≥55	
Polarization Dependent Loss (dB)	Max	0.2	0.2	0.2	0.3	0.3	
Directivity (dB)		≥55	≥55	≥55	≥55	≥55	
Fiber Length (m)		1.5(±0.1)or Customize					
Fiber Type		Corning SMF-28e or Customize					
Temperature Dependent Loss -40~85℃ (dB)	Max	0.5	0.5	0.5	0.8	0.8	
Wavelength Dependent Loss (dB)	Max	0.6	0.6	0.6	0.8	0.8	
Operating Temperature (℃)		-40~85℃					
Storage Temperature (℃)		-40~85℃					

Above specification are for device without connector.

Ordering Information

PLCS	□□□	□	□	□	□□	□	□□
PLC Splitter	Port Configuration	Operating Wavelength(nm)	Fiber Type	Input Fiber Type(mm)	Input Fiber Length(m)	Output Fiber Type	Output Fiber Type(m)
	104:1×4	B : 1260 ~ 1650nm	1:SMF-28	1: φ0.9	10:1.0	B:Fanout fiber	10:1.0
	108:1×8		2:SMF-28e	B:Bare fiber	09:0.9		09:0.9
	116:1×16		3:G.657A		08:0.8		08:0.8
	132:1×32		4:G.657B		15:1.5		15:1.5
	204:2×4				18:1.8		18:1.8
	208:2×8				20:2.0		20:2.0
	216:2×16				XX:customize		XX:customize
	232:2×32						

Drawing

