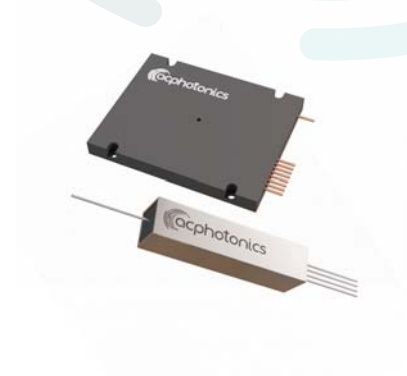




PLC Splitter Module and Rack

FEATURES

Low Insertion Loss
Low PDL
Excellent Environmental & Mechanical Stability
Qualified Under Telcordia GR-1221 and GR-1209

APPLICATION

FTTX (FTTP, FTTH, FTTN, FTTC)
Passive Optical Networks (PON)
Local Area Networks (LAN)
Cable Television
Test Equipments

PERFORMANCE SPECIFICATIONS

Parameter	Specifications											
Operating Wavelength	1310±40 nm or 1550±40 or 1260 ~ 1650 nm											
Type	1x2	2x2	1x4	2x4	1x8	2x8	1x16	2x16	1x32	2x32	1x64	2x64
Insertion Loss* (Max)	4.0dB	4.3dB	7.3dB	7.6dB	10.8dB	11.2dB	13.8dB	14.5dB	17.2dB	18.2dB	20.5dB	21.0dB
Uniformity *	0.60dB	0.8dB	0.80dB	1.0dB	1.0dB	1.5dB	1.5dB	2.0dB	2.0dB	2.5dB	2.5dB	3.0dB
PDL**	0.20dB	0.20dB	0.20dB	0.30dB	0.20dB	0.30dB	0.30dB	0.40dB	0.30dB	0.40dB	0.30dB	0.40dB
Return Loss*	≥50dB											
Directivity *	≥55dB											
Optical Power	≤ 300mW											
Operating Temperature	-40 to +85°C											
Storage Temperature	-40 to +85°C											
Package Dimensions(LxWxH)	Type S: 89x51x9.2 Type F: 96x78x8 Type L1: LGX box single wide Type F: 96x78x8 Type G: 96x78x13 Type H: 96x78x16 Type R1: 19" Rack single wide Type L1: LGX box single wide*** Type L2: LGX box double wide Type H: 96x78x16 Type R1: 19" Rack single wide Type L2: LGX box double wide*** Type G: 96x78x13 Type H: 96x78x16 Type R1: 19" Rack single wide Type L2: LGX box double wide***											
Package Dimensions(LxWxH) [Type A:(Ribbon and bare fiber)]	40x4x4	50x7x4	40x4x4	50x7x4	40x4x4	50x7x4	50x7x4	60x7x4	50x7x4	60x7x4	60x12x4	80x12x4
Package Dimensions(LxWxH) [Type A:(900um loose tube)]	50x7x4	50x7x4	50x7x4	60x7x4	60x7x4	60x12x4	60x12x4	80x12x4	80x20x6	80x20x6	100x40x6	100x40x6

Note: *At room temperature and excludes connector loss.

**PDL: Polarization dependent loss

*** For small form factor connectors only.

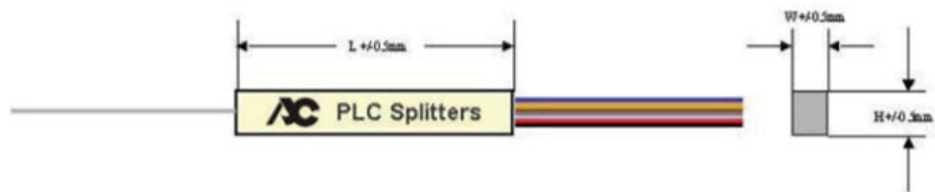
All values referenced are without connector. For devices with connectors, insertion loss will be 0.3 dB higher.

PLC Splitter Module & Rack

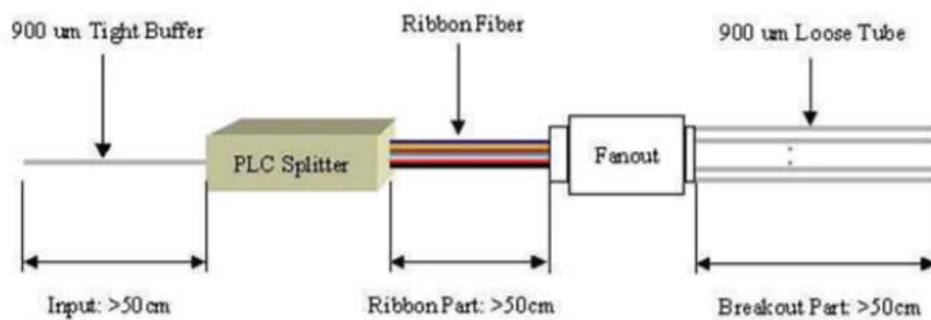
MECHANICAL DIMENSIONS

A Package

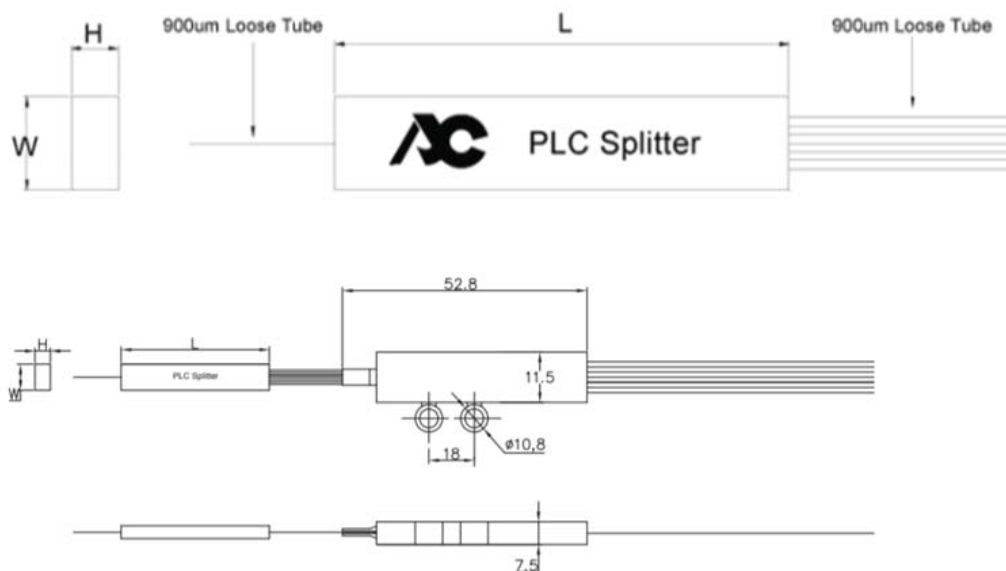
WITHOUT FANOUT AND CONNECTORS



WITH FANOUT AND NO CONNECTORS



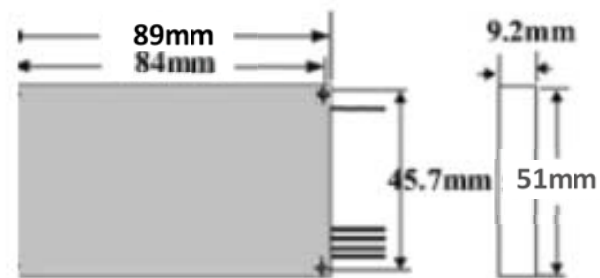
900UM LOOSE TUBE



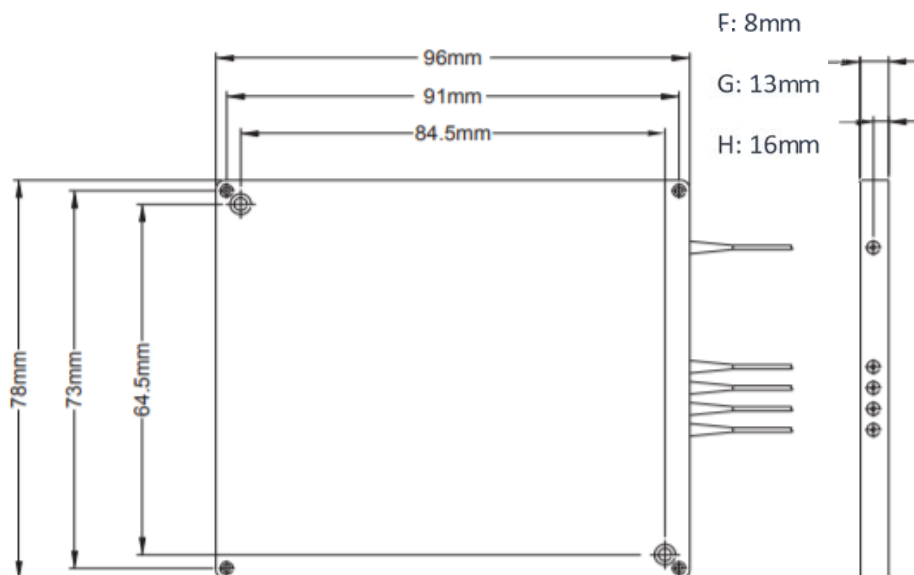
PLC Splitter Module & Rack

MECHANICAL DIMENSIONS

S Package



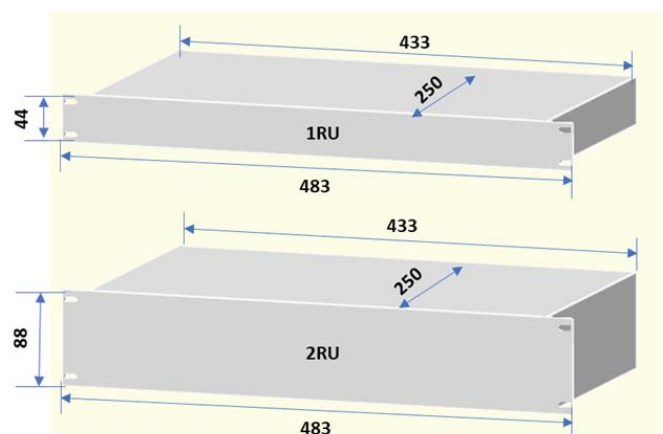
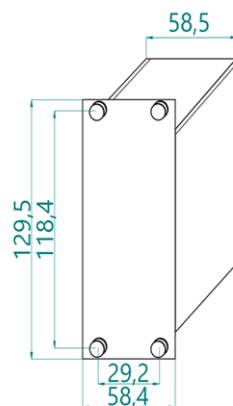
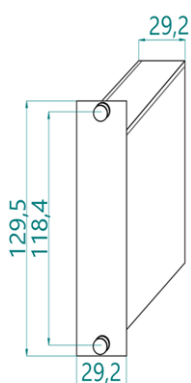
F/G/H Package



Single LGX Box

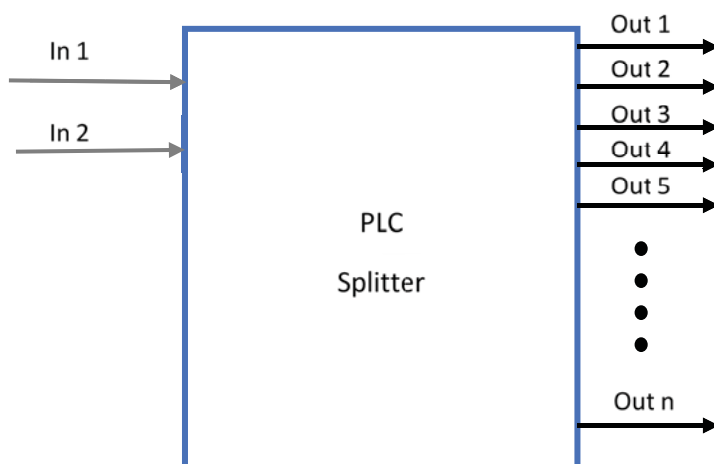
Double LGX Box

19" Rack



PLC Splitter Module & Rack

CHANNEL CONFIGURATIONS



ORDERING INFORMATION

Type	Grade	Operating Wavelength	Port	Package	Fiber Type*	Pigtail Style	Fiber Length**	Connector	Option
PLC	P=P grade	31=1310nm	102=1x2	F=F package	2=SMF-28 Ultra (G.657.A1)	1=Bare fiber	05=0.5m	0= None	None=Ribbon fiber
		55=1550nm	202=2x2	G=G package		2=900um	10=1.0m	1= FC/APC	P0=Individual bare fiber
		3155=1310/1550 nm	104=1x4	H=H package	3=ClearCurve ZBL(G.657.B3)	loose tube	•	2= FC/PC	P1=Fanout
		2665=1260~1650nm	204=2x4	R1= 19" rack single		3=3mm jacket	•	3= SC/APC	P2=900um loose tube
			108=1x8	R2= 19" rack double		4=2mm jacket	•	4= SC/PC	
			208=2x8	L1=LGX box single		5=1.6mm jacket	50=5.0m	5= ST	
			116=1x16	L2=LGX box double				6= LC/UPC	
			216=2x16	A=A package				7= LC/APC	
			132=1x32					8=MU/UPC	
			232=2x32					9=MU/APC	
			164=1x64					A=8 fiber MPO (male)	
			264=2x64					B=8 fiber MPO (female)	

*1=SMF-28(G.652) is available upon request.

**Other length is available upon request, However, 900um loose tube is only up to 2m.