

PLC CASSETTE

Mini plug-in PLC splitter is now widely used in FTTx project, especially at the distribution points near the end users of the FTTx networks. Mini Plug-in PLC splitter provides fast installation and low space requirement helping to alert the deployment of FTTs projects. The following picture shows the basic application of a mini plug-in PLC splitter. Fiber pigtails for input and output can be directly connected with this passive component easily.

Specifications:

Specific Properties	Unit	1x2	1x4	1x8	1x16	1x32
Fiber type	-	ITU G.657.A1				
Mode type	µm	SM 9/125				
Fiber core manufacturer	-	YOFC				
Input fiber diameter	µm	250				
Output fibers diameter	µm	250				
Input /Output buffer loose tube diameter	mm	Ø0.9				
Input /Output buffer loose tube length	m	0.38				
Input /Output buffer loose tube Color		White				
Input/Output connectors	-	Include with SC connectors				
Measuring Wavelength	nm	1310 & 1550				
Operating Wavelength Range	nm	1260~1650				
Insertion Loss max	dB	4.1	7.5	10.8	13.9	17.2
Uniformity	dB	0.5	0.6	0.8	1	1.2
PDL max	dB	0.2	0.2	0.3	0.3	0.3
ABS box dimension (LxWxH)	cm	115*120*25			115*120*50	115*115*115
Return Loss min	dB	55				
Directivity min	dB	55				
Operating Temperature		-40 to 85°C				