

Box Module PLC Splitter

Auxora's optical power splitter is a component that splits the optical power from one optical route into a few different routes according to a certain allocation ratio. The Splitter product family provides PLC splitters from 1x4 to 1x128 and 2x4 to 2x128 with high performance and high reliability.

Auxora offers modular assemblies that integrate other components to form a full function module.



FEATURES

- Low excess loss
- Good channel uniformity
- Compact design
- High stable & reliable
- Telcordia GR-1221 and GR1209 Compliant

APPLICATIONS

- FTTH system
- PON network
- CATV Systems
- Communication equipment

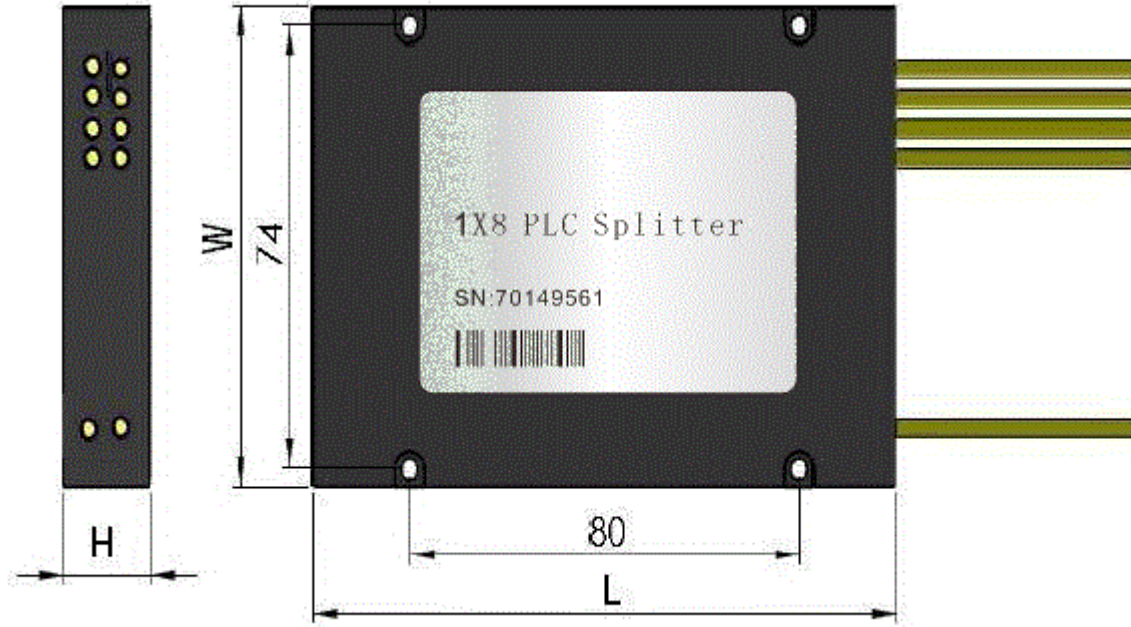
SPECIFICATIONS

Operating Wavelength (nm)		1260~1650						
Fiber Type		G657A1 or customer specified						
Port Configuration		1×2	1×4	1×8	1×16	1×32	1×64	1×128
Insertion Loss (dB) (P/A Grade)	Max	3.8/4.0	7.1/7.3	10.2/10.5	13.5/13.7	16.5/16.9	20.5/21.0	23.8/24.2
Loss Uniformity (dB)	Max	0.5	0.7	0.8	1.2	1.5	2.0	2.5
Polarization Dependent Loss(dB)	Max	0.2	0.2	0.2	0.25	0.3	0.4	0.4
Return Loss (dB)	Min	55	55	55	55	55	55	55
Directivity (dB)	Min	55	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	Max	0.5	0.5	0.5	0.8	0.8	1.0	1.2
Temperature Stability(-40~85 °C)(dB)	Max	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Device Dimension (mm) (L×W×H)		100x80x10			120x80x18	140x115x18		
Port Configuration		2×2	2×4	2×8	2×16	2×32	2×64	2×128
Insertion Loss (dB) (P Grade)	Max	4.2	7.6	10.8	14.0	17.5	21	24.5
Loss Uniformity (dB)	Max	0.9	1.0	1.2	1.5	1.8	2.2	2.5
Polarization Dependent Loss(dB)	Max	0.3	0.3	0.3	0.3	0.3	0.4	0.40
Return Loss (dB)	Min	55	55	55	55	55	55	55
Directivity (dB)	Min	55	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	Max	0.5	0.5	0.5	0.8	0.8	1.0	1.2
Temperature Stability(-40~85 °C)(dB)	Max	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Device Dimension (mm) (L×W×H)		100x80x10			120x80x18	140x115x18		

NOTES:

- 1) All specifications are based on the devices without connectors, and guaranteed over wavelength, polarization and temperature.
- 2) IL is 0.3 dB higher, RL is 5 dB lower for each connector added

Packing Dimensions(mm)



Ordering Information: (e.g.APS-1032BBLP062-1010-55)

APS-	XXXX	X	XX	X	XX	X	-	XX	XX	-	X	X
Port Configuration	PLC Type	Package Dimension	Grade	Fiber Type	Fiber Jacket	Fiber Length		Connector				
						Input	Output	Input	Output			
1002=1x2	B=Box module PLC Splitte	BS=100x80x10	P=P Grade	06=G657.A1	1=900um tube	10=1.0m	10=1.0m	0=None	0=None			
1004=1x4		BM=120x80x18	A=A Grade	07=G657.A2	2=2.0mm Cable	12=1.2m	12=1.2m	1=FC/UPC	1=FC/UPC			
...		BL=140x115x18		XX=Customized	3=3.0mm Cable	2=FC/APC	2=FC/APC			
1064=1x64					X=Customized	15=1.5m	15=1.5m	3=SC/UPC	3=SC/UPC			
2002=2x2						NA=N/A	NA=N/A	4=SC/APC	4=SC/APC			
2004=2x4						XX=Customized	XX=Customized	5=LC/UPC	5=LC/UPC			
...								6=LC/APC	6=LC/APC			
2064=2x64								X=Customized	X=Customized			