

Tray Type 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 1x64 and 2x4 to 2x32 with high performance and high reliability.

Auxora offers tray type 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

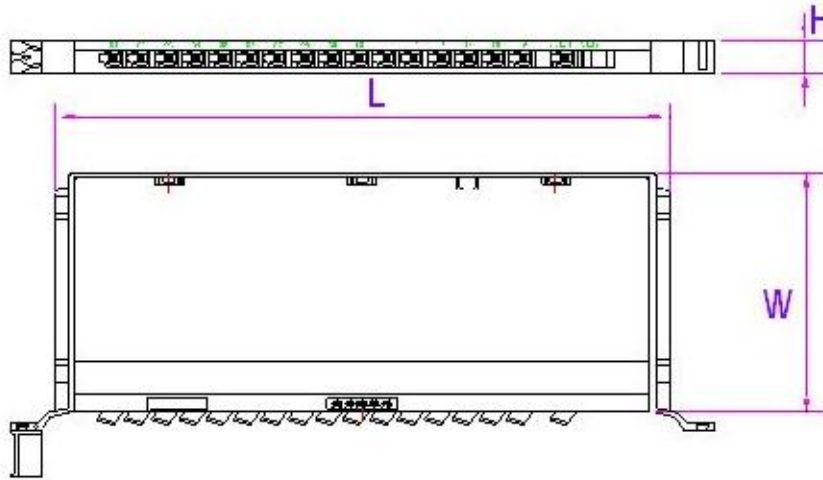
APPLICATIONS

- 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
Insertion Loss (dB) (P/A Grade)	Max	4.1/4.3	7.4/7.6	10.5/10.8	13.8/14.0	16.8/17.2	20.8/21.3
Loss Uniformity (dB)	Max	0.8	0.8	0.8	1.2	1.5	2.0
Polarization Dependent Loss(dB)	Max	0.2	0.2	0.2	0.25	0.3	0.4
Return Loss (dB)	Min	55	55	55	55	55	55
Directivity (dB)	Min	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	Max	0.5	0.5	0.5	0.8	0.8	1.0
Temperature Stability(-40~85 °C)(dB)	Max	0.5	0.5	0.5	0.5	0.5	0.5
Device Dimension (mm) (L×W×H)		285x180x25					285x180x50
Port Configuration		2×2	2×4	2×8	2×16	2×32	2×64
Insertion Loss (dB) (P Grade)	Max	4.5	7.9	11.3	14.8	17.8	21.3
Loss Uniformity (dB)	Max	0.9	1.1	1.2	1.5	1.8	2.2
Polarization Dependent Loss(dB)	Max	0.3	0.3	0.3	0.3	0.35	0.4
Return Loss (dB)	Min	55	55	55	55	55	55
Directivity (dB)	Min	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	Max	0.5	0.5	0.5	0.8	0.8	1.0
Temperature Stability(-40~85 °C)(dB)	Max	0.5	0.5	0.5	0.5	0.5	0.5
Device Dimension (mm) (L×W×H)		285x180x25					285x180x50

Packing Dimensions(mm)



Ordering Information: (e.g.APS-1032TT1P061-NANA-44)

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	T=Try type PLC splitter	T1=285x180x25	P=P Grade	06=G657.A1	1=900um tube	10=1.0m	10=1.0m	0=None	0=None			
1004=1x4		T2=285x180x50	A=A Grade	07=G657.A2	2=2mm Cable	12=1.2m	12=1.2m	1=FC/UPC	1=FC/UPC			
...				XX=Customized	3=3mm Cable	2=FC/APC	2=FC/APC			
1064=1x64						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			