

Rack-mountable 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 rack-mountable 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

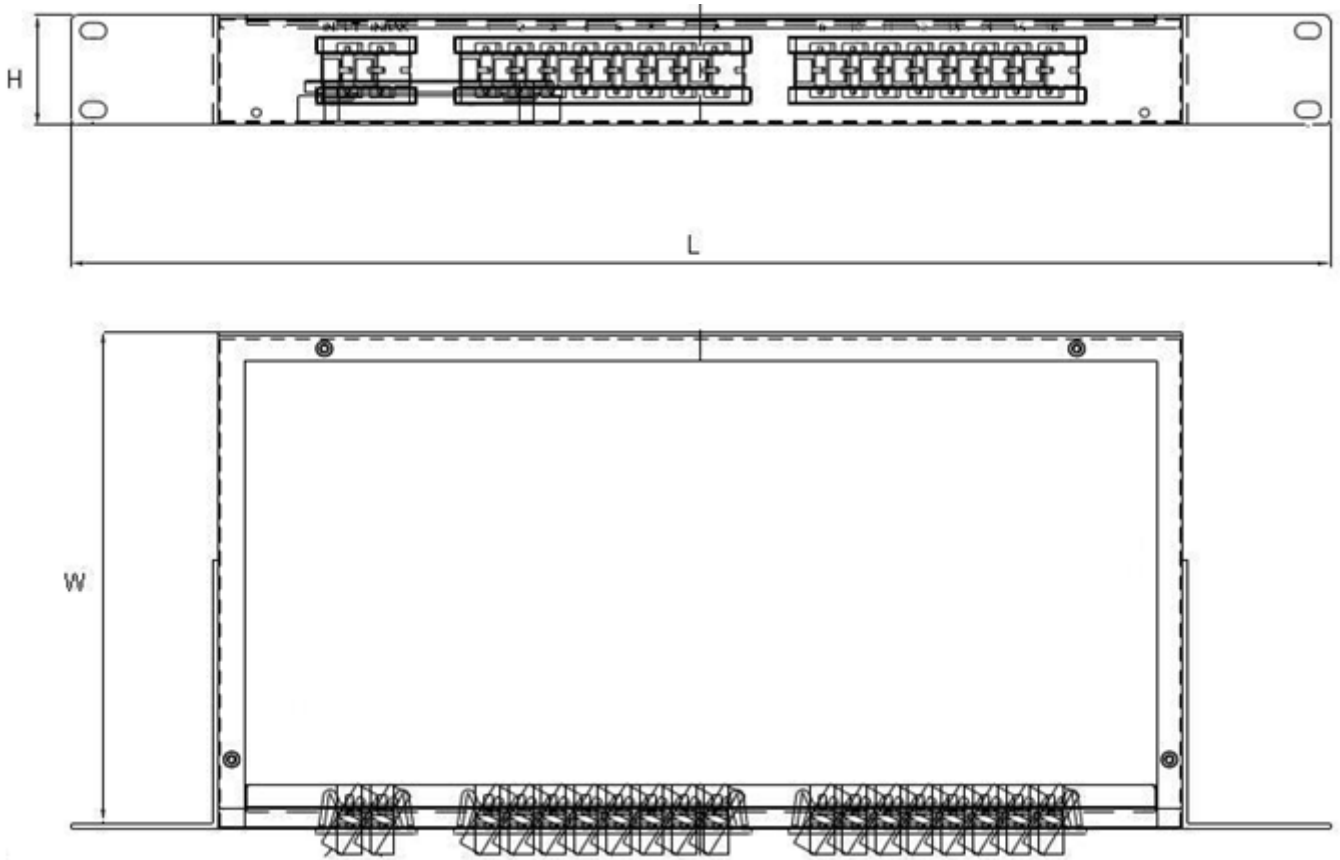
APPLICATIONS

- 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) (APC/UPC)	Min	50/45	50/45	50/45	50/45	50/45	50/45
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)		483x44x150					
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) (APC/UPC)	Min	50/45	50/45	50/45	50/45	50/45	50/45
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)		483x44x150					

Packing Dimensions(mm)



Ordering Information: (e.g.APS-1032RR1P06N-NANA-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	R=Rack mountable PLC Splitter	R1=483x44x150	P=P Grade	06=G657.A1	N=NA	NA=N/A	NA=N/A	0=None	0=None			
1004=1x4			A=A Grade	07=G657.A2				1=FC/UPC	1=FC/UPC			
...				XX=Customized				2=FC/APC	2=FC/APC			
1064=1x64								3=SC/UPC	3=SC/UPC			
2002=2x2								4=SC/APC	4=SC/APC			
2004=2x4								5=LC/UPC	5=LC/UPC			
...								6=LC/APC	6=LC/APC			
2064=2x64								X=Customized	X=Customized			