

Rack Mounted Type PLC Splitter

Description

Grandway provides a high precise rack mounted type PLC splitter for the construction of optical network. Low requirements of placing position and environment, compact rack mount design. The dimension of 1U or 2U rack mount splitter can be customized based on the requirements of our client. It can be placed into ODF to process the standard operation.

It can be easily applied in FTTx construction, optical network construction, CATV networks and etc.



Product Name	Customization event
Rack Mounted Type PLC Splitter	Channel count
	Fiber core type
	Input fiber length
	Input connector type
	Input cable type
	Output fiber length
	Output connector type
	Output fiber type

Features

- Compact design
- Low insertion loss and low PDL
- High reliability
- High channel counts
- Wide wavelength range
- Large operating temperature range
- Customized packaging and configuration
- Full Telcordia GR1209/1221 qualifications

Specification

1×N(N>2)PLCS(With connector) Optical parameters					
Parameters	1×4	1×8	1×16	1×32	1×64
Operation wavelength(nm)	1260~1650				
Insertion loss(dB) Max	7.7	11.0	14.0	17.2	31.3
Return loss(dB) Max	0.6	0.8	1.2	1.5	2.0
Return loss(dB) APC Min	55	55	55	55	55
Return loss(dB) UPC Min	50	50	50	50	50
PDL(dB) Max	0.2	0.3	0.3	0.3	0.3
Directivity(dB) Min	55	55	55	55	55
Pigtail length(m)	1.0(±0.1) or customer specified				
Fiber type	SMF-28e with 2mm cable or customization				
Operation temperature(°C)	-20~65				
Storage temperature(°C)	-40~85				
Dimension(L×W×H) (mm)	483×200×1U/483×200×2U/customization				
2×N(N>2)PLCS(With connector) Optical parameters					
Parameters	2×4	2×8	2×16	2×32	2×64
Operation wavelength(nm)	1260~1650				
Insertion loss(dB) Max	8.1	11.5	14.5	17.8	21.8
Return loss(dB) Max	1.2	1.5	1.8	2.0	2.0
Return loss(dB) APC Min	55	55	55	55	55
Return loss(dB) UPC Min	50	50	50	50	50
PDL(dB) Max	0.2	0.3	0.4	0.4	0.4
Directivity(dB) Min	55	55	55	55	55
Pigtail length(m)	1.0(±0.1) or customer specified				
Fiber type	SMF-28e with 2mm cable or customization				
Operation temperature(°C)	-20~65				
Storage temperature(°C)	-40~85				
Dimension(L×W×H) (mm)	483×200×1U/483×200×2U/customization				