

Cassette Type PLC Splitter

Description

Grandway provides a high precise cassette type PLC splitter for the construction of optical network. Low requirements of placing position and environment, compact cassette type design, can easily be placed into optical fiber distribution box, optical fiber junction box or any kind of box, which can reserve some space.

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



Product Name Customization event

Cassette Type PLC Splitter	Channel count Fiber core type Input fiber length Input connector type Input cable type Output fiber length Output connector type Output cable type
----------------------------	---

Features

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

Specification

1×N(N>2)PLCS(With connector) Optical parameters							
Parameters		1×2	1×4	1×8	1×16	1×32	1×64
Operation wavelength(nm)		1260~1650					
Insertion loss(dB)	Max	4.1	7.4	10.5	13.8	17.1	20.4
Return loss(dB)	Max	0.4	0.5	0.6	1.0	1.3	1.9
Return loss(dB)	APC Min	55	55	55	55	55	55
	UPC Min	50	50	50	50	50	50
PDL(dB)	Max	0.2	0.2	0.3	0.3	0.3	0.3
Directivity(dB)	Min	55	55	55	55	55	55
Pigtail length(m)		1.2(±0.1) or customer specified					
Fiber type		SMF-28e with 2.0/3.0mm loose tube fiber					
Operation temperature(°C)		-20~65					
Storage temperature(°C)		-40~85					
Dimension(L×W×H) (mm)		100×80×10	100×80×10	100×80×10	120×80×18	140×114×18	140×114×18
2×N(N>2)PLCS(With connector) Optical parameters							
Parameters		2×2	2×4	2×8	2×16	2×32	2×64
Operation wavelength(nm)		1260~1650					
Insertion loss(dB)	Max	4.4	7.7	10.8	14.1	17.4	20.7
Return loss(dB)	Max	0.6	1.2	1.5	1.8	2.0	2.0
Return loss(dB)	APC Min	55	55	55	55	55	55
	UPC Min	50	50	50	50	50	50
PDL(dB)	Max	0.2	0.2	0.3	0.4	0.4	0.4
Directivity(dB)	Min	55	55	55	55	55	55
Pigtail length(m)		1.2(±0.1) or customer specified					
Fiber type		SMF-28e with 2.0/3.0mm loose tube fiber					
Operation temperature(°C)		-20~65					
Storage temperature(°C)		-40~85					
Dimension(L×W×H) (mm)		100×70×9	100×70×9	100×70×9	120×80×18	140×114×18	140×114×18