

Tray Type PLC Splitter

Description

Grandway provides a high precise tray type PLC splitter for the construction of optical network. Low requirements of placing position and environment, compact tray type design. It is similar with the tray encapsulation in optical fiber distribution disc and can be placed in ODF frame or optical fiber distribution box directly.

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



Product Name Customization event

Tray Type	Channel count
PLC Splitter	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	21.3
Return loss(dB)	Max	0.6	0.8	1.2	1.5	2.0
Return loss(dB)	APC Min	55	55	55	55	55
	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 0.9mm tight buffered fiber				
Operation temperature(°C)		-20~65				
Storage temperature(°C)		-40~85				
Dimension(L×W×H) (mm)		308×200×25/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
	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 0.9mm tight buffered fiber				
Operation temperature(°C)		-20~65				
Storage temperature(°C)		-40~85				
Dimension(L×W×H) (mm)		308×200×25/customization				