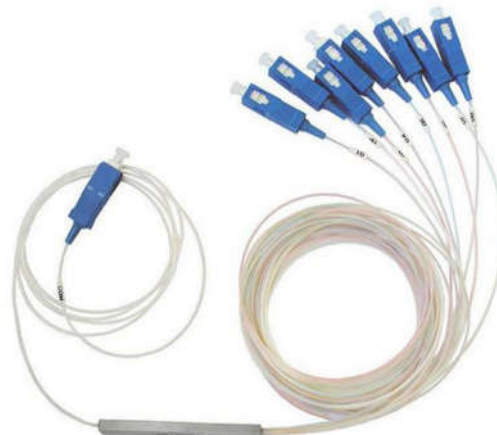


Micro Type PLC Splitter

Description

Grandway provides a high precise Micro type PLC splitter for the construction of optical network. Low requirements of placing position and environment, compact micro type design. It is especially suitable for tiny room installation and can be easily placed into different types of terminal boxes and distribution boxes, in favor of splicing and stay in tray without additional space reservation.

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



Product Name Customization event

Micro Type PLC Splitter	Channel count Fiber core type Input fiber length Input connector type Output fiber length Output connector type
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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	0.6	0.8	1.2	1.5	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	0.3	0.3	0.3
Directivity(dB)	Min	55	55	55	55	55	55
Wavelength dependent loss(dB)		0.4	0.4	0.4	0.5	0.5	0.5
Pigtail length(m)		1.2(±0.1) or customer specified					
Fiber type		SMF-28e with 0.9mm tight buffered fiber					
Operation temperature(°C)		-40~85					
Storage temperature(°C)		-40~85					
Dimension(L×W×H) (mm)		50×7×4	50×7×4	50×7×4	60×12×4	80×20×6	100×40×6
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	7.7	10.8	14.1	17.4	20.7	
Return loss(dB)	Max	0.6	0.8	1.0	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	0.4	0.4	0.4	
Directivity(dB)	Min	55	55	55	55	55	
Wavelength dependent loss(dB)		0.4	0.4	0.5	0.5	0.5	
Pigtail length(m)		1.2(±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)		60×7×4	60×7×4	80×12×4	100×20×6	100×40×6	