

Modular Box Type PLC Splitter



Description

Green Telecom provides high precise modular box type PLC splitter for the construction of optical network. Low requirements of placing position and environment, compact modular design, it is designed to be placed into optical fiber distribution box, ODF frame, fiber termination box and fiber distribution cabinet.

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

Product Name Customization event

Modular Type	① Channel count
PLC Splitter	② Fiber core type
	③ Input fiber length
	④ Input connector type
	⑤ Input cable type
	⑥ Output fiber length
	⑦ Output connector type
	⑧ Output cable type

Specification

1xN(N>2)PLCS(With connector)Optical parameters

Parameters	1x2	1x4	1x8	1x16	1x32	1x64
Operation wavelength(nm)	1260~1650					
Insertion Loss(dB) Max	4.3	7.5	10.7	14.0	17.2	21.2
Uniformity(dB) Max	0.6	0.7	0.8	1.0	1.3	1.9
Return Loss(dB)	APC Min	55	55	55	55	55
	UPC Min	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	G.657A					
Operation temperature(°C)	-40~85					
Storage temperature(°C)	-40~85					
Dimension(L×W×H) (mm)	130x100x25		130x100x50		130x100x102 130x100x200	

2xN(N>2)PLCS(With connector)Optical parameters

Parameters	2x2	2x4	2x8	2x16	2x32	2x64
Operation wavelength(nm)	1260~1650					
Insertion Loss(dB) Max	4.4	7.7	11.2	14.2	17.4	21.5
Uniformity(dB) Max	0.6	0.7	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	0.2	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	G.657A					
Operation temperature(°C)	-40~85					
Storage temperature(°C)	-40~85					
Dimension(L×W×H) (mm)	130x100x25		130x100x50		130x100x102 130x100x200	

Note: With adaptor increase 0.2dB insertion loss.

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