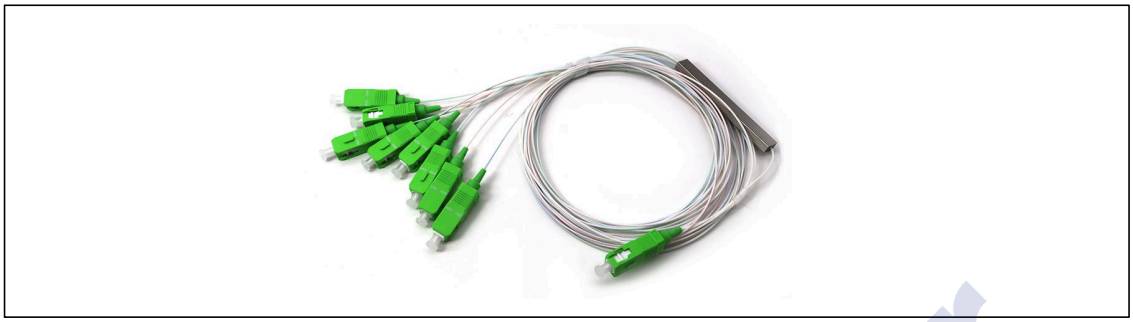
Blockless Mini PLC Fiber Optic PLC Splitter

Product Drawing



Product Description

Blockless Mini PLC Fiber Optic PLC Splitter adopts advanced packaging technology to integrate complex circuits and optical paths in a very small volume, greatly saving space and facilitating installation and deployment in limited space. The compact exterior design allows the splitter to easily adapt to various complex network environments and meet diverse installation needs. We have multiple specifications, such as 1x2-1x64 and 2x2-2x64, to meet the needs of different network scenarios.

Product features

- Small size, compact package.
- Low insertion loss, low PDL, high return loss.
- Excellent channel uniformity.
- Telcordia GR-1209 and GR-1221 compliant.

Application

FTTX networks,PON networks;LAN networks,CATV systems.

Technical Specifications

Product Parameters

Project				Technical indicators					
Product name				Blockless Mini PLC Fiber Optic PLC Splitter					
Parameter		Unit		1x2	1x4	1x8	1x16	1x32	1x64
Fiber Type		/		G.657A,or customized					
Operating Wavelength		nm		1260~1650					
Insertion Loss	P	Max	dB	4.0	7.0	10.4	13.5	16.8	20.5
	S	Max	dB	4.2	7.3	10.6	13.8	17.1	20.8
PDL		Max	dB	0.2	0.3	0.3	0.3	0.3	0.5
Loss Uniformity		Max	dB	0.6	0.8	1.0	1.4	1.6	2.0
Return Loss		Max	dB	55(P Grade)/50(S Grade)					
Directivity		Max	dB	55					
Operating Temperature		℃		-40~+85					
Storage Temperature		℃		-40~+85					
Dimension(L x W x H)		mm		60x7x4		60x12x4	80x20x6		100x40x6
Remark:									

The above parameters do not include connectors;

If connectors are added,the insertion loss will increase 0.2dB each.

Parameter		Unit		2x2	2x4	2x8	2x16	2x32	2x64
Fiber Type		/		G.657A,or customized					
Operating Wavelength		nm		1260~1650					
Insertion Loss	P	Max	dB	4.0	7.3	10.6	13.9	17.2	20.8
	S	Max	dB	4.2	7.5	11.0	14.5	17.5	21.0
PDL		Max	dB	0.2	0.3	0.3	0.3	0.3	0.5
Loss Uniformity		Max	dB	0.8	1.0	1.2	1.5	1.8	2.0
Return Loss		Max	dB	55(P Grade)/50(S Grade)					
Directivity		Max	dB	55					
Operating Temperature		℃		-40~+85					
Storage Temperature		℃		-40~+85					
Dimension(L x W x H)		mm		60x7x4		60x12x4	80x20x6		100x40x6

Remark:

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If connectors are added,the insertion loss will increase 0.2dB each.