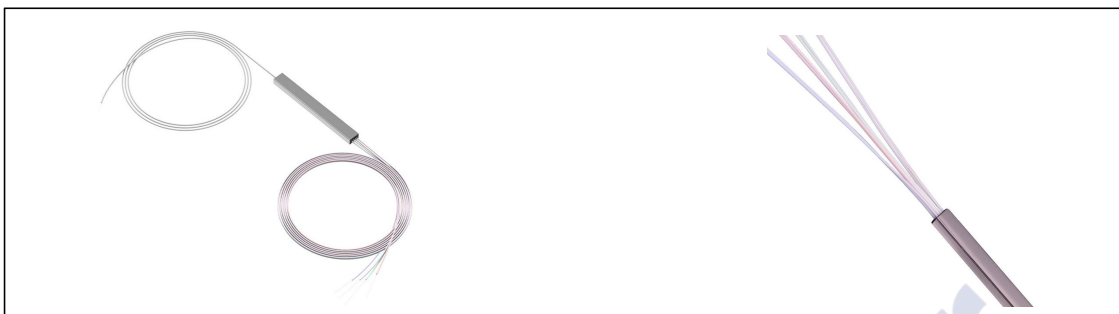


Bare-Fiber PLC Fiber Optic Splitter

Product Drawing



Product Description

The Bare Fiber PLC Fiber Optic Splitter, combined with the pure transmission characteristics of bare fiber, can effectively reduce signal attenuation and distortion, ensure communication quality, and provide users with stable and efficient fiber signal distribution and transmission solutions. At the same time, the product adopts a modular design, making installation simple and fast. Meanwhile, its unique maintenance interface and tools greatly simplify the difficulty and cost of later maintenance.

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				Bare-Fiber PLC Fiber Optic 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		40x4x4		50x7x4		60x12x4	
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		40x4x4		50x7x4		60x12x4	
Remark: The above parameters do not include connectors; If connectors are added,the insertion loss will increase 0.2dB each.									