

Rack-mount PLC Fiber Optic Splitter

Product Drawing



Product Description

The Rack mount PLC Fiber Optic Splitter adopts a standard rack mounted design, making it easy for users to install it on standard 19 inch or 23 inch racks. This design not only saves space, but also improves the stability and reliability of the equipment. This splitter provides multiple port configuration options, which can be flexibly selected according to actual needs. Meanwhile, its compact design allows for the installation of more ports in limited space, improving space utilization.

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				Rack-mount 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		482x200x45			482x200x89		

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		482x200x45			482x200x89		

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