VOYGAR
QUALITY IS OUR CONCERN

PLC Splitter 1: N, 2:N Rack mounted Type With LC APC adapters.



VOYGAR provides Rack Mount PLC Splitter family has 1x2, 1x4, 1x8, 1x16, 1x32, 1x64, 2x2, 2x4, 2x8, 2x16, 2x32,2 x 64 PLC splitter, with specifications that are tailored for different applications and markets. Wide bandwidth, compact size.

The structure of rack chassis PLC splitter is to install one or two micro type 1*N or 2*N PLC splitter into a rack mounted box. The box is in 19 inch standard. The Rack mounted PLC splitter is mainly used in optical cable distribution boxes, optical distribution frames, and so on. We provide whole series of 1xN and 2xN splitter products that are tailored for specific applications.

Features

Low insertion loss and low PDL
High channel counts
Exceptional reliability and stability
Wide Operating Wavelength
Wide Operating Temperature
Compact design

Application

FTTX Systems
PON Networks
CATV Links
Optical Signal Distribution

Optical Specifications

Splitter Type	Rack Mount
Fiber length	1.5m
Connector Type	LC APC
Optical Fiber Type	Corning SMF-28e fiber, G657A1
Fiber type	G657A1
Operation Wavelength	1260～1650 nm
Cable type	900um
Directivity (dB) Min *	55
Return Loss (dB) Min *	55 (50)
Power Handling(mW)	300

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Channel Number		1X2	1X4	1X8	1X16	1X32	1X64
Insertion Loss without Connector (Typical/Max)	dB	3.7/4.0	6.8/7.2	10.0/10.5	13.0/13.5	16.0/16.9	19.5/21.0
Uniformity (Max.)	dB	0.4	0. 6	0.8	1.2	1.5	2.5
Polarization Dependent Loss	dB	0.2	0.2	0.3	0.3	0.3	0.4
Wavelength Dep endent Loss	dB	0.3	0.3	0.3	0.5	0.5	0.8
Temperature De pendent Loss	dB	0.5	0.5	0.5	0.8	0.8	1.0
Return Loss	dB	50					
Directivity	dB	55					
Channel Number		**2X2**	**2X4**	**2X8**	**2X16**	**2X32**	**2X64**
Insertion Loss without Connector (Typical/Max)	dB	3.8/4.2	7.4/7.8	10.8/11.2	14.2/14.6	17.0/17.5	21.0/21.5
Uniformity (Max.)	dB	1.0	1. 4	1.5	2.0	2.5	2.5
Polarization Dependent Loss	dB	0.2	0.2	0.4	0.4	0.4	0.5
Wavelength Dep endent Loss	dB	0.8	0.8	0.8	0.8	0.8	1.0
Temperature De pendent Loss	dB	0.5	0.5	0.8	0.8	0.8	1.0
Return Loss	dB	50					
Directivity	dB	55					

Environmental Conditions

Operating Temperature	℃	-40～+85
Storage Temperature	℃	-40～+85

Ordering information

SPLR1102	PLC Splitter 1: 2 Rack mounted Type With LC APC adapters
SPLR1104	PLC Splitter 1: 4 Rack mounted Type With LC APC adapters
SPLR1108	PLC Splitter 1: 8 Rack mounted Type With LC APC adapters
SPLR1116	PLC Splitter 1: 16 Rack mounted Type With LC APC adapters
SPLR1132	PLC Splitter 1: 32 Rack mounted Type With LC APC adapters
SPLR1204	PLC Splitter 2: 4 Rack mounted Type with LC APC adapters
SPLR1208	PLC Splitter 2: 8 Rack mounted Type with LC APC adapters
SPLR1216	PLC Splitter 2: 16 Rack mounted Type with LC APC adapters
SPLR1232	PLC Splitter 2: 32 Rack mounted Type with LC APC adapters