
ABS Box Fiber PLC Splitter with SC/APC Connector



PLC Splitter Modules are available in the form of either plastic module cassette (an ABS box) with ruggedized fiber jackets of 2mm and up to 3mm, or LGX metal box for plug and play splitter applications. Customized designs are also available for customer needs. The Spring optic PLC splitter family features the whole series of 1 x N and 2 x N splitter boxes and modules that are tailored for specific applications. All splitters provide excellent optical performance and reliability that meet GR-1221-CORE and GR-1209-CORE specifications. Customized designs are also available for customer needs.

Features:

- Low insertion loss
- Low Polarization Dependent Loss
- Excellent Environmental Stability
- Excellent Mechanical Stability
- Telcordia GR-1221 and GR-1209

Options:

- 1x2, 1x4, 1x8, 1x16, 1x32, 1x64 splits
- 2x2, 2x4, 2x8, 2x16, 2x32, 2x64 splits
- Without connector
- Fiber jacketing outside boxes 2mm and up to 3mm
- ABS box type or inside metal box/module cassette type
- SC/UPC, SC/APC, LC/UPC, LC/APC, FC/UPC, FC/APC, ST/UPC connector options
- Custom connector configurations and combinations

Shenzhen Spring Optical Communication CO., LTD

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Applications:

- Fiber to The Point (FTTX)
- Fiber to The Home (FTTH)
- Passive Optical Networks (PON)
- Gigabit Passive Optical Networks (GPON)
- Local Area Networks (LAN)
- Cable Television (CATV)
- Test Equipment

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Specifications (1XN):						
Parameters	1X2	1X4	1X8	1X16	1X32	1X64
Operating wavelength	1260 ~1650nm					
Insertion Loss (dB)(P/S Grade)	3.6/4.0	7.2/7.4	10.2/10.5	13.5/13.7	16.2/16.7	20.5/21
Uniformity (dB)	0.4	0.6	0.8	1	1.2	1.8
PDL (dB)	0.2	0.2	0.3	0.3	0.3	0.4
Return Loss (dB)	≥55					
Directivity (dB)	≥55					
TDL(dB)	0.5					
Operating/Storage Temperature (°C)	-40~85					
Specifications (2XN):						
Parameters	2X2	2X4	2X8	2X16	2X32	2X64
Operating wavelength	1260 ~1650nm					
Insertion Loss (dB)(P/S Grade)	3.8/4.2	7.5/7.8	10.7/11	14/14.2	17/17.5	21/21.5
Uniformity (dB)	0.6	1	1.2	1.5	1.8	2
PDL (dB)	0.2	0.2	0.3	0.3	0.3	0.4
Return Loss (dB)	≥55					
Directivity (dB)	≥55					
TDL(dB)	0.5					
Operating/Storage Temperature (°C)	-40~85					

Packing of ABS Box type PLC Splitter:

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ABS PLC Splitter with SC/APC Connectors



ABS PLC Splitter without Connectors