

# PLC splitters

## Features:

- splits power of an optical signal
- available configurations: 1x2 up to 1x128
- available with equal splitting ratio
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- operating wavelength range: 1260 nm to 1650 nm
- offered in MPP0-1 LGX compatible module

## Technical specifications:

PLC splitter						
	1x2	1x4	1x8	1x16	1x32	1x64
operating wavelength range [nm]	1260 ~ 1650					
max. insertion loss [dB]	3,8	7,1	10,4	13,7	17	20,3
typical insertion loss [dB]	3,5	6,9	9,8	13,5	16,5	20,0
uniformity [dB]	0,4	0,7	1,0	1,3	1,6	1,9
return loss [dB]	≥55					
directivity [dB]	≥55					
max. PDL [dB]	0,2		0,3			0,4
operating temperature [°C]	-40 ~ +85					
leads	250 µm fibre, ribbon, 900 µm buffered fibre, 2 mm cable					
package dimensions	depend on the selected leads and division multiplicities					

\* Parameters in the above table are specified for unterminated device.

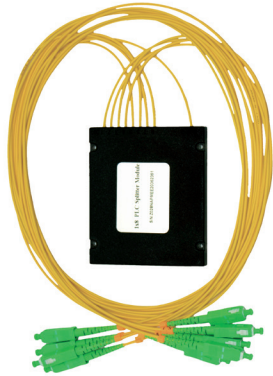
Splitter type	Dimension [mm]	Splitting ratio					
		1x2	1x4	1x8	1x16	1x32	1x64
Mini housing (250 µm primary coated fibre)	width	4		7		7	
	height	4		4		4	
	length	40		55		60	
Black box (2.0 mm cable)	width	80					114
	height	10					18
	length	100					140
Mini housing (900 µm buffered fibre)	width	7		12		20	
	height	4		4		6	
	length	55		60		80	

## Ordering:

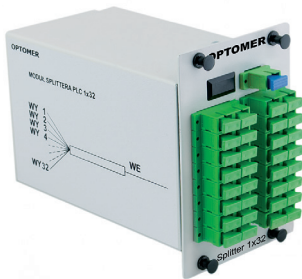
MPP0-2-1x16-SCA - 1x16 PLC splitter, equal splitting ratio in MPP0-2 LGX compatible module with SC/APC adapters

SPL1x64/1316/2.0/64SCA - 1x64 PLC splitter, equal splitting ratio, 1 m long SC/APC terminated 2mm cable leads

1x32 PLC splitter with ribbon fibre leads



1x8 PLC splitter with 2 mm diameter fibre leads



Two 1x32 PLC splitter in MPP0-3 module



Two 1x32 PLC splitter in MPP0-1-MS-Z module