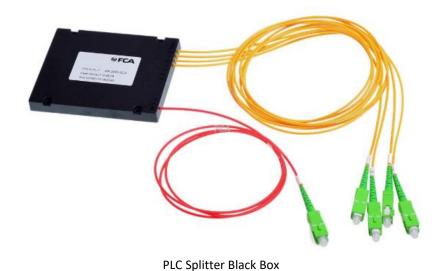


PLC Splitter Black Box

CO-S-PL-xxx-BB-2000-SCA

PLC (Planar Lightwave Circuit) Splitters to use in FTTH application..



features:

- PLC technology,
- even splitting ratio,
- universal design Mini Box Package,
- low Insertion Loss,
- · high uniformity,
- low PDL,
- split from 1x2 to 1x64,
- connector with 3D pass,
- wavelength 1260nm to 1650nm,
- operating temperature: -40°C to 85°C,
- colorful pigtails (optional).

standards and certificates:

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- IEC 61753-1
- RoHS

sectors:

























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PLC Splitter Black Box

CO-S-PL-xxx-BB-2000-SCA

technical specifications:

PLC splitter	1x2	1x4	1x8	1x16	1x32	1x64		
operating wavelength [nm]	1260 ~ 1650							
insertion loss [dB] *	< 3,8	< 7,1	< 10,4	< 13,7	< 17,0	< 20,3		
uniformity [dB]	< 0,4	< 0,7	< 0,8	< 1,2	< 1,6	< 1,9		
PDL [dB]	< 0.2 < 0.3				< 0.4			
directivity [dB]	> 55							
return loss [dB]	> 55							
optical power [mW] *	< 500 *							
dimensions of Mini Box package (W x H x D) [mm]		10x80	18x80x120	18x115x141				
fiber type ITU-T	G.657A							
connectors type	SC/APC							
connector Insertion Loss [dB]	≤ 0,25							
connector Return Loss [dB]	≥ 65							
operating temperature [°C]	-40 to +85							

^{*} The value doesn't include the influence of connectors and adapters

configuration:

0	1	2		3	4	description
CO-S						optical splitter
	-PL					PLC type
		-102 -104 -108 -116 -132 -164				1x2 split ratio 1x4 split ratio 1x8 split ratio 1x16 split ratio 1x32 split ratio 1x64 split ratio
			-BB			ABS box package
				-2000		pigtail 2[mm] with length 1[m]
					-SCA	SC/APC connectors
					-LCA	LC/APC connectors