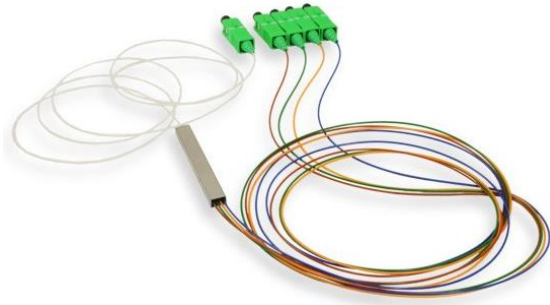


## S-PL-xxx-TUBE-900-xxx

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



PLC Splitter Mini Box with connectors



PLC Splitter Mini Box without connectors

### features:

- PLC technology,
- even splitting ratio,
- compact 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:



## S-PL-xxx-TUBE-900-xxx

### 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]	4 x 7 x 60			4 x 12 x 60	6 x 20 x 80	6 x 40 x 100
fiber type ITU-T	G.657A					
connectors type	SC/APC, LC/APC or no connectors					
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	5	description
S-						optical splitter
	PL-					PLC technology (Planar Lightwave Circuit)
		102-				split 1x2, even ratio
		104-				split 1x4, even ratio
		108-				split 1x8, even ratio
		116-				split 1x16, even ratio
		132-				split 1x32, even ratio
		164-				split 1x64, even ratio
			TUBE-			mini box package
				900-		pigtail 900[μm] with length 1[m]
					SCA	SC/APC connectors
					LCA	LC/APC connectors
					NC	no connectors