

PLC GROUP

1xN PLC SPLITTER

APPLICATIONS

- Telecom, datacom
- Local Area Networks (LANs)
- Cable TV (CATV)
- Local Convergence points (LCP)
- FTTX

FEATURES

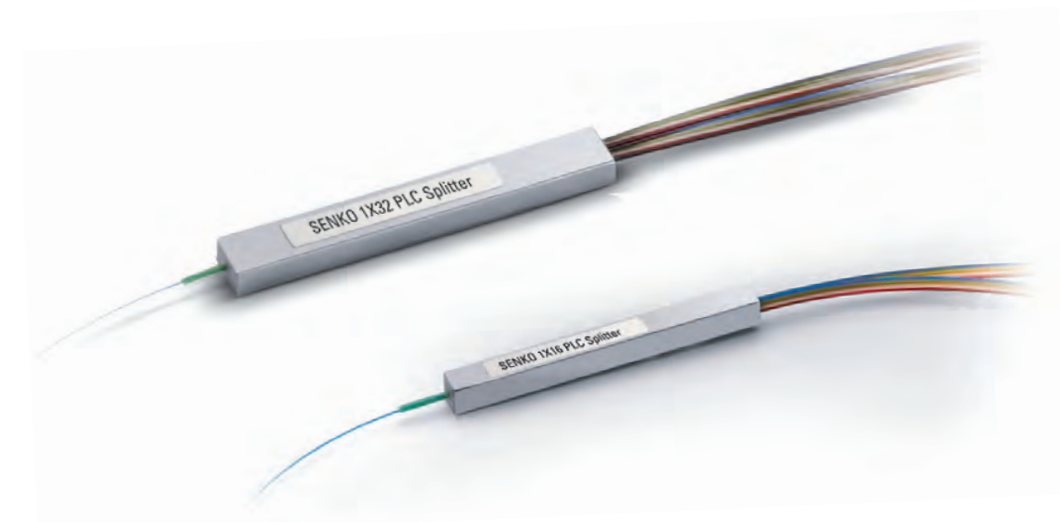
- Low insertion loss;
- High maximum power tolerance;
- Excellent splitting uniformity;
- Broadband Operating wavelength;
- Compact design;
- Low polarization dependency

OPTIONS

- They are available in 1x4, 8, 16, 32 and 64 configurations, with various connector options.
- Custom packaging is also available

Note:

1. Values taken at room temperature, 1310 and 1550nm, without connectors.
2. Custom specification is also available.
3. All types of SM fibre are available.



SENKO's 1x N Planar Light wave Circuit (PLC) Splitters are based on the Plasma Chemical Vapor Deposition (P-CVD) technology and its patented fabrication process for providing stable optical performance.

SENKO's 1 x N PLC Splitter features guaranteed performance specifications and high reliability that surpass Telcordia requirements and is tailored for different applications and markets.

PARAMETERS ¹	1X2	1X4	1X8	1X16	1X32	1X 64	UNIT
Operating Wavelength	1260 ~1650						nm
Insertion Loss, Max.	4.0	7.4	10.7	13.7	16.9	21	dB
Uniformity	0.4	0.6	0.8	1.2	1.5	2.5	dB
PDL, Max.	0.2	0.2	0.3	0.3	0.3	0.4	dB
WDL	0.3	0.3	0.3	0.5	0.5	0.5	dB
Return Loss, Min.	55						dB
Directivity Min	55						dB
Operating Temp.	-40 ~ +85						°C
Dimensions	4 (W)x4 (H)x40(L)			7 (W)x4 (H)x50(L)		12(W)x4(H) x60 (L)	mm

CODE	PORT		JUMPER TYPE		CONNECTOR		FIBER LENGTH	
PD-SAC	102	1X2	F	250µm individual bare fiber	0	None	10	1.0m
	104	1X4	B	250µm bare ribbon			12	1.2m
	108	1X8					15	1.5m
	116	1X16						
	132	1X32						
	164	1X64						

ORDER CODE example:

PD-SAC-116-B-0-10