



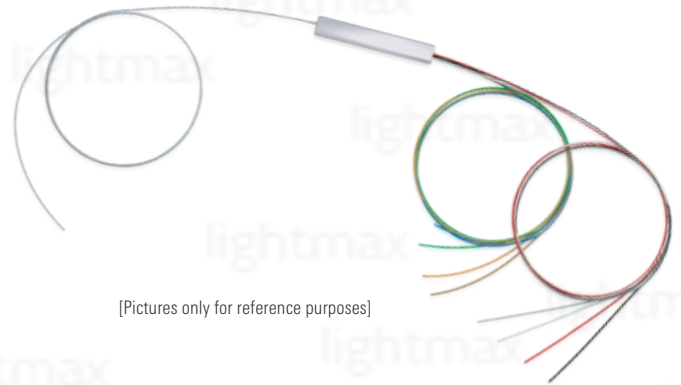
## Optical Fibre Splitter

### PLC Optical Splitter Tube without connectors SM G.652D fibre - (also G.657.A2 on request) 1 X 2~64 SM (900µm)

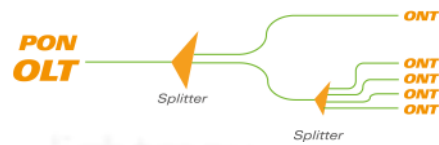
PLC (Planar Lightwave Circuits) splitters are developed using silica glass waveguide circuits and aligned fibre pigtailed, integrated inside a miniature package. PLC splitters provide low-cost solution for optical signal distribution.

#### Features:

- Good durability.
- Good exchangeability.
- High temperature stability.
- Low insertion loss.
- Environmentally stable.
- Available in 1\*N configuration.



[Pictures only for reference purposes]



#### Applications:

- FTTX systems.
- LAN, WAN and Metro Networks.
- Analog/Digital Passive Optical Networks.
- CATV networks.
- Test Equipment.
- Other applications in fibre optic systems.

		SPECIFICATIONS <sup>(*)</sup>					
		1 x 2	1 x 4	1 x 8	1 x 16	1 x 32	1 x 64
Operating wavelength	nm	1260 ~ 1660					
Fibre Type	-	G.652.D or G657A under requested					
Insertion Loss	dB	3.8/4.0	7.1/7.3	10.2/10.5	13.5/13.7	16.5/16.9	20.5/21.0
Loss Uniformity	dB	0.4	0.6	0.8	1.2	1.5	2.0
Polarization Dependent Loss	dB	0.2	0.2	0.2	0.25	0.3	0.35
Return Loss	dB	55/50	55/50	55/50	55/50	55/50	55/50
Directionality	dB	55	55	55	55	55	55
Wavelength Dependent Loss	dB	0.3	0.3	0.3	0.5	0.5	0.5
Temperature Stability (-40°~85°)	dB	0.4	0.4	0.4	0.5	0.5	0.5
Package	Dimensions	60 x 7 x 4		60 x 12 x 4		80 x 20 x 6	
	Material	Stainless steel					
Operating Temperature	°C	-40 ~ 85					
Storage Temperature	°C	-40 ~ 85					
Standards		GR-1209-CORE GR-1221-CORE RoHS					

- (\*)Specifications for PLC Optical Splitter without fibre optic connectors.

REMARK: Parameters not include fibre and connectors losses.

Part Numbers		
SPT1X2SM	SPT1X4SM	SPT1X8SM
SPT1X16SM	SPT1X32SM	SPT1X64SM

Rel. 2-EN/FEB23