



Opto-Link
Corporation Ltd

Planar Lightwave Circuit Splitter

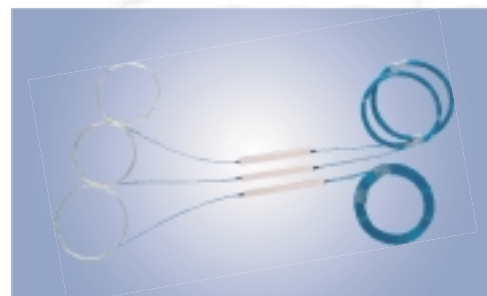
The Planar Lightwave Circuit (PLC) Splitter is built using the unique silica glass waveguide process. The device has low insertion loss with high return loss over a wide wavelength range. It can distribute optical power to the output ports and is applied in FTTx systems, communication networks, Analog Passive Optical Networks, CATV networks and other fiber optic systems.

Applications

- FTTx Systems
- LAN & WAN
- Optical Networks
- CATV
- Signal Distribution

Features

- High Return Loss
- Low Insertion Loss
- Low Polarization Dependent Loss
- Environmentally Stable



SPECIFICATIONS

Planar Lightwave Circuit (PLC) Splitter (2 x 4)

Parameter	Values	Units
Operating Wavelength	1550nm	nm
Operating Wavelength Range	+/-40	nm
Configuration	2 x 4	--
Max. Insertion Loss	7.7	dB
Max. PDL	0.3	dB
Min. Return Loss	50	dB
Min. Directivity	55	dB
Fiber Type	SMF-28	--
Operating Temperature	-10 to +70	°C
Storage Temperature	-40 to +85	°C
Dimensions	100 x 80 x 10	mm

*Above specifications are for device without connectors.

ORDERING CODES

OLPLCS - [] - [] - [] - []

Port	Code	Wavelength	Code
2 x 4	24	1550 nm	155
		Others	XX

Fiber Diameter	Code
900µm buffer	90
Others	XX

Connector Type	Code
No Connector	NC
FC/UPC	FU
SC/UPC	SU
FC/APC	FA
SC/APC	SA
Others	XX