



Opto-Link
Corporation Ltd

Planar Lightwave Circuit Splitter

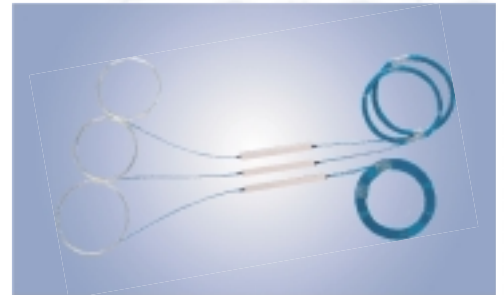
The Planar Lightwave Circuit (PLC) Splitter is built using the unique silica glass waveguide process. The device has low insertion loss with high return loss over a wide wavelength range. It can distribute optical power to the output ports and is applied in FTTx systems, communication networks, Analog 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 (1 x 64)

Parameter	Values	Units
Operating Wavelength	1260 ~ 1620	nm
Configuration	1 x 64	--
Max. Insertion Loss	21.5	dB
Max. Uniformity	2.0	dB
Max. PDL	0.35	dB
Min. Return Loss	50	dB
Fiber Type	SMF-28	--
Operating Temperature	-10 to +70	°C
Storage Temperature	-40 to +85	°C
Dimensions	141 x 115 x 18	mm

*Above specifications are for device without connectors.

ORDERING CODES

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

Port	Code
1 x 64	164

Wavelength	Code
850 nm	085
1550 nm	155
1310/1550 nm	135
Others	XX

Fiber Diameter	Code
250µm fiber	25
900µm buffer	90

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

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