



DESCRIPTION:

The PLC (Planar Lightwave Circuit) is a type of optical splitter produced with planar technology that has low insertion loss, it uniformly divides the optical signal from one input fiber to two or more output fibers. This non-wavelength selective splitter is used in the Optical Network, in point-to-multipoint topologies (PON networks).

TECHNICAL FEATURES:

Operative Wavelength (nm)		1260 ÷ 1650	
1xN PLC Splitter		1x4	2x4
Insertion Loss (dB)	Max	7,2	7,5
Output attenuation variation (dB)	Max	0,8	1,0
Return Loss (dB)	Min	55	
Directivity (dB)	Min	55	
PDL (dB)	Max	0,2	
Input connector type		None	
Output connector type		None	
Coating diameter (um)		250	
Output fiber length (m)		1.5	
Input fiber length (m)		1.5	
Type of Fiber		ITU G657 A1	
Body material		Stainless steel	
Body dimensions	LxWxH	40x4x4	
Thermal cycles loss -40 ÷ +85 °C (dB)	Max	0.5	
Operative temperature (°C)		-40 ÷ +85	
Storage temperature (°C)		-40 ÷ +85	

CONFIGURATIONS:

CODE: PLC-1X4-A-B/200-N-B/200-N-2 (D)

Primary Splitter 1x4

CODE: PLC-2X4-A-B/200-N-B/200-N-2 (D)

Primary Splitter 2x4