

Polarization Maintaining Planar lightwave Circuit Splitter

1. Features:

- Low insertion loss
- High extinction ratio
- High Return Loss
- Excellent environmental stability and reliability

2. Applications:

- Fiber Laser
- Fiber Sensor
- Communication System
- Test Instrumentations
- Polarization maintaining optical system

3. Compliance:

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS



4. Specifications:

Parameter	1x4	1x8	1x16	1x32
Operating wavelength (nm)	1260~1620 or others			
Insertion Loss(dB)	≤7.5	≤10.5	≤13.7	≤16.9
uniformity(dB)	≤0.6	≤0.8	≤1.2	≤1.5
ER (dB)	≥20	≥20	≥18	≥18
Return loss (dB)	≥50			
Fiber type	PM fiber980, 1310, 1550 or others			
Operating temperature(°C)	-5~70			
Storage temperature(°C)	-40~85			
Components Package Dimension (L×W×H)(mm)	40×4×4	40×4×4	50×4×4	50×7×4
Module Package Dimension (L×W×H)(mm)	100×80×10			

*The specifications are w/o connector.

* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

* For device with connector, key aligned to slow axis.

5. Product Ordering information:

PMPLC	X X	X	X X	X	X	X	XX
Product Description	Operating Wavelength	Pigtail Type	Fiber Type	Input Connector Type	Output Connector Type	Package Size	Fiber Length
P=Polarization	98=980nm	0=250um	98=PM98	0=None	0=None	1=40×4×4	05=0.5m
M=Maintaining	06=1060nm	1=900um	06=PM98	1=FC/UFC	1=FC/UFC	2=50×7×4	08=0.8m
P=Planar	13=1310nm		13=PM13	2=FC/APC	2=FC/APC	3=100X80X10	10=1.0m
L=Lightwave	15=1550nm		15=PM15	3=SC/UPC	3=SC/UPC		15=1.5m
C=Circuit				4=SC/APC	4=SC/APC		
				5=LC/UPC	5=LC/UPC		
				6=LC/APC	6=LC/APC		

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