

Multimode Fiber Optic PLC Splitter (Asymmetric)



FEATURES

- ✓ Mode Insensitive
- ✓ Wavelength Insensitive
- ✓ Low Insertion Loss
- ✓ High Reliability and Stability

APPLICATIONS

- Data Center
- Multimode Communication Systems
- Fiber Sensor Systems

Specifications of Asymmetric Multimode Fiber Optic PLC Splitter ①

Operating Wavelength (nm)	650-1350 (Typ. 850/1310 ± 40); Others on request				
Split Ratio	5 / 95	10 / 90	20 / 80	30 / 70	40 / 60
Typical Insertion Loss (dB)	13.7/0.9	10.7/1.1	7.7/1.6	6.0/2.2	4.8/2.9
Max Insertion Loss (dB)	14/1.1	11.0/1.2	8.0/1.7	6.3/2.4	5.0/3.0
PDL (dB)	≤0.1				
WDL (dB)	≤0.2				
Return Loss (dB)	≥40				
Directivity (dB)	≥50				
Fiber Type and Jacket	OM1/OM2/OM3/OM4 (50/125 or 62.5/125) Multimode Fiber with 900µm Jacket				
Working Temperature (°C)	-40 ~ +85				
Storage Temperature (°C)	-40 ~ +85				
Package Size: HxWxL (mm)	4x7x55	4x7x55	4x7x50	4x7x50	4x7x55

Specifications of Asymmetric Multimode Fiber Optic PLC Splitter ②

Operating Wavelength (nm)					
Split Ratio	10 / 10 / 80	10 / 20 / 70	15 / 15 / 70	40 / 40 / 20	10 / 10 / 10 / 70
Typical Insertion Loss (dB)	11.0/11.0/1.6	12.1/8.0/3.0	9.1/9.1/2.2	4.7/4.7/7.9	11.4/11.4/11.4/3.0
Max Insertion Loss (dB)	11.2/11.2/1.7	12.3/8.2/3.2	9.4/9.4/2.4	4.8/4.8/8.1	11.6/11.6/11.6/3.2
PDL (dB)	≤0.1				
WDL (dB)	≤0.2				
Return Loss (dB)	≥40				
Directivity (dB)	≥50				
Fiber Type and Jacket	OM1/OM2/OM3/OM4 (50/125 or 62.5/125) Multimode Fiber with 900µm Jacket				
Working Temperature (°C)	-40 ~ +85				
Storage Temperature (°C)	-40 ~ +85				
Package Size: HxWxL (mm)	4x7x60	4x7x60	4x7x55	4x7x55	4x7x60



Optical Components, Fiber Optic Devices, Modules, and more.

More support, visit: www.lfiber.com

Email: sales@lfiber.com

Notes:

1. Above data are test results without connectors. The insertion loss of one pair of connector is less than 0.3 dB.
2. Specifications of Asymmetric multimode fiber optic PLC splitter are customizable and subject to change without notice.
3. For product customization or special requirement, please contact our sales representative.

Ordering Information					
	Split Ratio	Wavelength	Fiber Type	Fiber Length	Connector
Asymmetric Multimode Fiber Optic PLC Splitter	2 / 98	650	62.5/125 OM1	0.50 m	None
	3 / 97	850	50/125 OM2	1.00 m	LC/UPC
	5 / 95	1310	50/125 OM3	Custom ...	LC/APC
	10 / 90	850/1310	50/125 OM4		SC/UPC
	20 / 80	Custom ...			SC/APC
	30 / 70				FC/UPC
	40 / 60				FC/APC
	10 / 20 / 70				Custom ...
	10 / 10 / 10 / 70				
	Custom ...				

