

PM Pump & Signal Combiner

PMMP Series: (2+1) × 1 PM Pump & Signal Combiner.

Features:

- High Power Coupling Efficiency
- Preservation of Mode Content
- Wavelength Insensitive
- Custom Configurations Available

Applications:

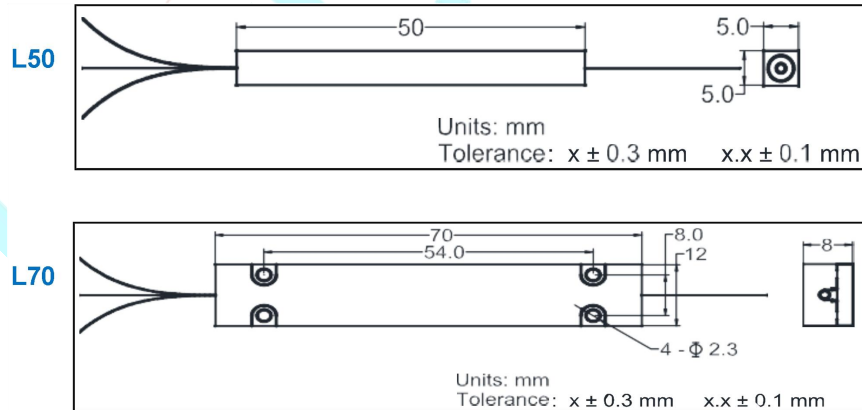
- Fiber Laser
- Fiber Laser Seed Amplifiers
- Fiber Laser Power Amplifiers
- Industrial, Telecom & Research

Performance Specifications

Parameter	Unit	Value	
Product Type		PM (2+1) x 1	
Pump Wavelength Range	nm	800 - 1000	
Signal Wavelength Range	nm	1064,1550	
Fiber Type for Input(Pump Channel)	μm	Nufern 105/125(0.15 NA or 0.22 NA)	
Fiber Type for Input(Signal Channel)	μm	PM980, PM1550, PM-6/125 DC or PM-8/125 DC	
Fiber Type for Output	μm	PM-10/125 DC or PM-20/125 DC	
Max. Signal Channel Insertion Loss	dB	0.4	
Min. Signal Channel PER		18	
Min. Pump Efficiency	%	98	
Max. Input Pump Power	W	2 x 5	2 x 30
Package Dimensions	mm	L50: 50(L) x 5(W) x 5(H)	L70: 70(L) x 12(W) x 8(H)
Operating Temperature	°C	-5 to +65	
Storage Temperature	°C	-40 to +85	

*Mode numbers summation of all input fibers should be less than that of output fiber.

Outline Diagram



Ordering Information

Hirundo Optics Inc

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PM Pump & Signal Combiner

PMMP-(2+1)x1-①①-②②②-③③-④④-⑤⑤-⑥-⑦⑦⑦

①: Signal Wavelength

06 - 1064 nm

55 - 1550 nm

S - Specify

②②②: Pump Wavelength

915 - 915 nm

976 - 976 nm

S - Specify

③③: Fiber Type for Pump Input

15- 105/125 (NA0.15)

22 -105/125 (NA0.22)

④: Fiber Type for Signal Input

06 - PM-GDF-6/125-M

08 - CorActive DCF-UN-8/125-14-PM

S - Specify

⑤: Fiber Type for Output

06 - PM-GDF-6/125-M

08 - CorActive DCF-UN-8/125-14-PM

S - Specify

⑥: Fiber Length

Q - 0.75 m

1 - 1.0 m

S - Specify

⑦⑦⑦: Package Type

L50 - 50(L) x 5(W) x 5(H)

L70 - 70(L) x 12(W) x 8(H)

