



2000 nm & 793 nm (2+1)×1 Multimode Pump & Signal Combiner (MMPC Series)

Rev 11B

Description

The 2000 nm & 793 nm (2+1)×1 Multimode Pump & Signal Combiner enables highly efficient combining of the powers from 2 multimode pump diodes and a signal laser into a double cladding output fiber. The Pump & Signal Combiner is also available for different fiber types.

Features

- High Coupling Efficiency
- Low Insertion Loss

Applications

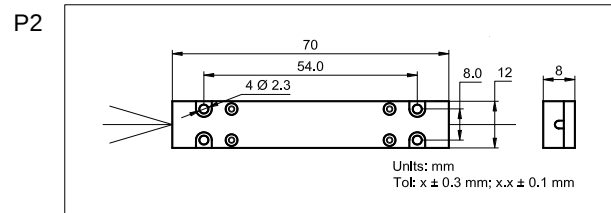
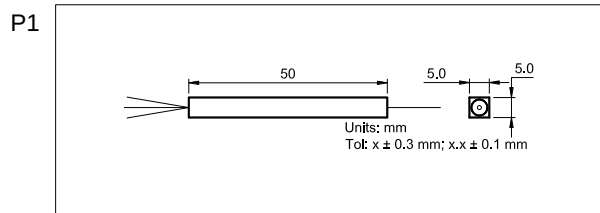
- Fiber Laser
- EDFA

Specifications

Parameter	Unit	Value
Product Type	-	(2+1)×1
Pump Wavelength	nm	793
Signal Wavelength	nm	2000
Fiber Type for Input (Pump Channel)	-	Nufern 105/125 (0.15 NA or 0.22 NA)
Fiber Type for Input (Signal Channel)	-	Nufern SM-GDF-10/130-15FA
Fiber Type for Output	-	Nufern SM-GDF-10/130-15FA
Signal Channel Insertion Loss	dB	< 0.60
Typ. Pump Efficiency	%	92
Min. Pump Efficiency	%	90
Max. Input Pump Power	W	2 × 5 2 × 30
Package Dimensions	mm	P1: 50 (L) × 5 (W) × 5 (H) P2: 70 (L) × 12 (W) × 8 (H)
Operating Temperature	°C	0 to + 65
Storage Temperature	°C	- 40 to + 85

¹Mode number summation of all input fibers should be less than that of output fiber.

Package Dimensions



Ordering Information

MMPC-(2+1)×1-①①①①-②②②-③③-④④-⑤⑤-⑥-⑦

①①①①: Signal Wavelength

2000 - 2000 nm

SSSS - Specify

②②②: Pump Wavelength

793 - 793 nm

SSS - Specify

③③: Fiber Type for Pump Input

15 - 105/125 (0.15 NA)

22 - 105/125 (0.22 NA)

④④: Fiber Type For Signal Input

10 - SM-GDF-10/130-15FA

SS - Specify

⑤⑤: Fiber Type For Output

10 - SM-GDF-10/130-15FA

SS - Specify

⑥: Fiber Length

Q - 0.75 m

S - Specify

⑦: Package Type

1 - P1

2 - P2