



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

Rev 11H

Features

- High Power Transfer Efficiency
- Wide Wavelength Range
- Proprietary Tapering and Package Technique
- Custom Configurations Available

Applications

- Fiber Lasers and Amplifiers
- High Power EDFA
- CATV Amplifiers

Description

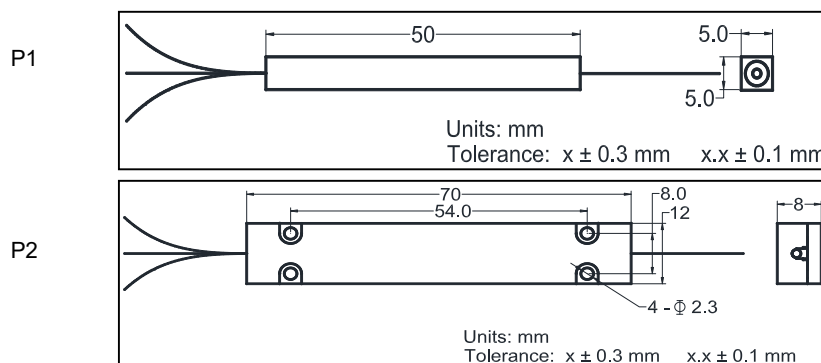
- Pump Combiner with Signal Feedthrough

Specifications

Parameter	Unit	Value
Product Type	-	(2+1)×1
Pump Wavelength Range	nm	900 - 1000
Signal Wavelength Range	nm	1060
Fiber Type for Input (Pump Channel)	-	105/125 (0.15 NA, or 0.22 NA)
Fiber Type for Input (Signal Channel)	-	10/125 DCF, 20/130 DCF
Fiber Type for Output	-	10/125 DCF, 20/130 DCF
Signal Channel Insertion Loss	dB	< 0.50
Typ. Pump Efficiency	%	94
Min. Pump Efficiency	%	92
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

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

Package Dimensions



Ordering Information

MMPC-(2 + 1) × 1-①①-②②②-③③-④④-⑤⑤-⑥-⑦

①①: Signal Wavelength 06 - 1060 nm SS - Specify	②②②: Pump Wavelength 915 - 915 nm 975 - 975 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 - 10/125 DCF, NA = 0.08/0.46 20 - 20/130 DCF, NA = 0.08/0.46 SS - Specify	⑤⑤: Fiber Type for Output 10 - 10/125 DCF, NA = 0.08/0.46 20 - 20/130 DCF, NA = 0.08/0.46 SS - Specify	⑥: Fiber Length Q - 0.75 m 1 - 1.0 m S - Specify	⑦: Package Type 1 - P1 2 - P2