

PM (6 + 1) × 1 Multi-Mode Pump Combiner (PMMPC)

Features

- High power transfer efficiency
- Wavelength insensitive
- Particular pulling and package technique
- Custom configurations available

Applications

- PM Fiber Laser
- PM Fiber Amplifiers

Description

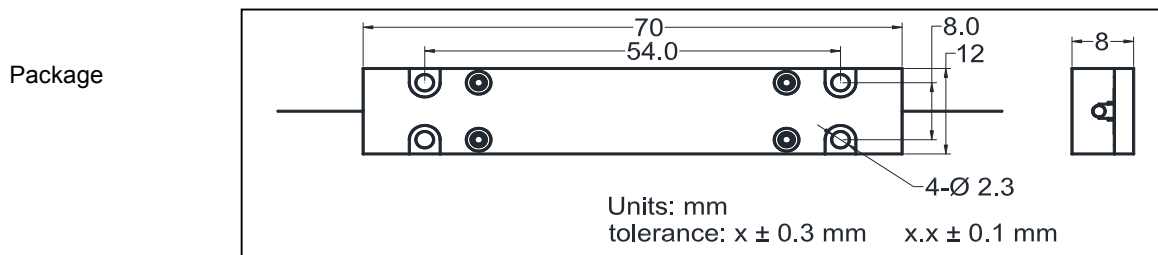
- Pump Combiner with PM Signal Feedthrough

Specifications

Parameter	Unit	Value
Product Type		(6+1)x1
Pump Wavelength Range	nm	974
Signal Wavelength Range	nm	1030/1064
Fiber Type for Input (Pump Channel)		105/125 0.22 NA
Fiber Type for Input (Signal Channel)		Nufern FUD-3584 SM-GSF-10/125
Fiber Type for Output		Nufern PLMA-GDF-30/250, NA=0.06/0.46
Max. Input Pump Power	W	6 × 30
Signal Channel Insertion Loss	dB	0.80
Max. Signal Channel Power	W	2
Min. Pump Efficiency	%	90 (Typ.92)
Package Dimensions	mm	70 (L) × 12 (W) × 8 (H)
Storage Temperature	°C	-40 to + 85
Operating Temperature	°C	0 to + 65

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

Package Dimensions



Ordering Information

PMMPC-(6+1)x1-①①②②③③④④⑤⑤⑥⑥

①①: Signal Wavelength
03 - 1030 nm

②②②: Pump Wavelength
974 - 974 nm

③③③: Fiber Type for Pump Input
22 - 105/125 (0.22 NA)

④④: Fiber Type for Signal Input
10 - 10/125 GSF

⑤⑤⑤: Fiber Type for Output
30 - PLMA-GDF-30/250

⑥⑥⑥: Fiber Length
08 - 0.8 m
SS - Specify