

(2+1)×1 PM Pump & Signal Combine (PMMPC Series)

Features

- High Coupling Efficiency
- High Signal Transfer Efficiency
- Wide Wavelength Range
- Proprietary Pull and Package Technique
- Custom Configurations Available

Applications

- PM Fiber Laser
- PM Fiber Amplifiers

Description

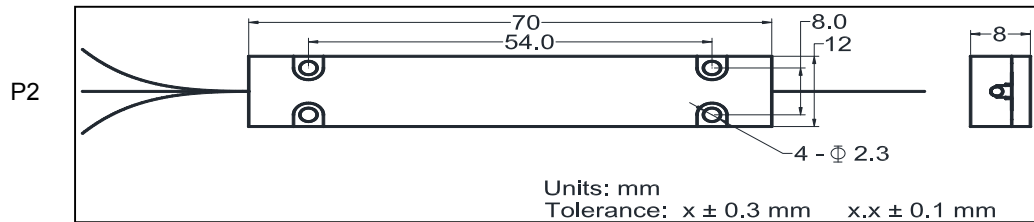
- Pump Combiner with PM Signal Feedthrough

Specifications

Parameter	Unit	Value
Product Type		(2 + 1) × 1
Pump Wavelength Range	nm	790 - 975
Signal Wavelength Range	nm	1972
Fiber Type for Input (Pump Channel)		Nufern 105/125 0.22 NA
Fiber Type for Input (Signal Channel)		PM-55-025-NA-B, Corning PM15-U25D
Fiber Type for Output		Nufern, FUD-3716, PLMA-GDF-25/400-10FA, NA=0.09/0.46
Signal Channel Insertion Loss	dB	< 0.65
Min. Extinction Ratio	dB	20
Min. Pump Efficiency	%	90
Max. Input Pump Power	W	2 × 50
Package Dimensions	mm	P2: 70 (L) × 12 (W) × 8 (H)
Operating Temperature	°C	-5 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

PMMPC-(2+1)×1-①①①①②②③③④④⑤⑤⑥⑥⑦

①①①①: Signal Wavelength
1972 - 1972 nm

②②②: Pump Wavelength
793 - 793 nm

③③: Fiber Type for Pump Input
22 - 105/125 (0.22 NA)

④④: Fiber Type for Signal Input
55 - Corning PM15-U25D

⑤⑤: Fiber Type for Output
25 - PLMA-GDF-25/400-10FA

⑥⑥: Fiber Length
10 - 1.0m

⑦: Package Type
2 - P2

