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

Features

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

Applications

- High power fiber laser
- High power EDFA
- CATV amplifier

Description

- Pump combiner + signal transfers

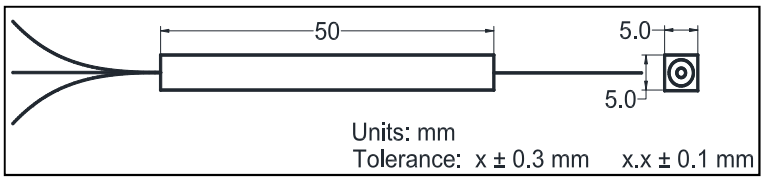
Specifications

Parameter	Unit	Value	
Product Type		(2+1) × 1	
Pump Wavelength Range	nm	793+/- 10	
Signal Wavelength Range	nm	1900-2100	
Fiber Type for Input (Pump Channel)		105/125 (0.15 NA or 0.22 NA)	
Fiber Type for Input (Signal Channel)		10/125DCF, SM-GDF-10/125-15FA NA 0.15/0.46	
Fiber Type for Output		10/125 DCF, SM-GDF-10/125-15FA NA 0.15/0.46	
Signal Channel Insertion Loss	dB	< 0.50	
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: 65 (L) × 12 (W) × 7.5 (H)
Operating Temperature	℃	0 to +65	
Storage Temperature	℃	-40 to +85	

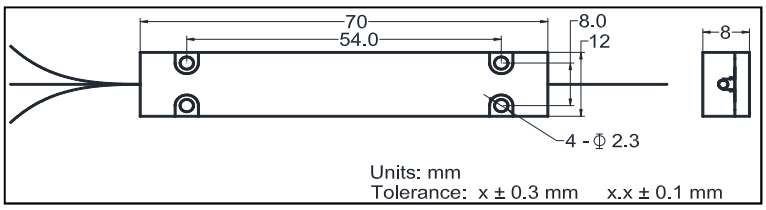
*Mode number summation of all input fibers should be less than that of output fiber.

Package Dimensions

P1



P2



Ordering Information

MMPC-(2+1)×1-①①②②②③③④④⑤⑤⑥⑥⑦

①①: Signal Wavelength
95 - 1950 nm
SS - Specify

②②②: Pump Wavelength
793 - 793 nm

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 = NA 0.15/0.46
SS - Specify

⑤⑤: Fiber Type for Output
10 - 10/125 DCF, NA =NA 0.15/0.46
SS - Specify

⑥⑥: Fiber Length
08 - 0.8 m
SS - Specify

⑦: Package Type
1 - P1
2 - P2