

(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

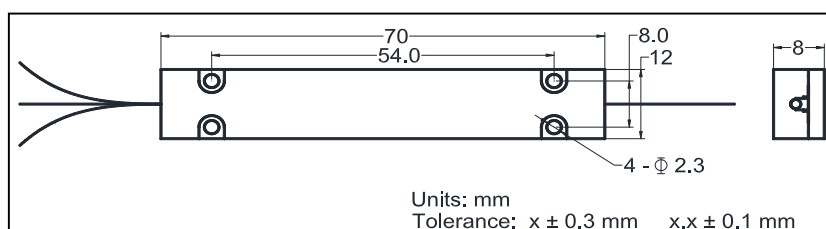
- Pump combiner + signal transfers

Specifications

Parameter	Unit	Value
Product Type		(2+1) × 1
Pump Wavelength Range	nm	915
Signal Wavelength Range	nm	1064
Fiber Type for Input (Pump Channel)		105/125 0.22 NA
Fiber Type for Input (Signal Channel)		Liekki Passive-25/250DC, NA = 0.07/0.46
Fiber Type for Output		Liekki Passive-25/250DC, NA = 0.07/0.46
Max. Input Pump Power	W	2 × 50
Signal Channel Insertion Loss	dB	< 0.35
M ² measurement		< 1.60
Typ. Pump Efficiency	%	93
Min. Pump Efficiency	%	92
Package Dimensions	mm	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)×1-①①②②②③③④④⑤⑤⑥⑥

①①: Signal Wavelength
06 - 1064 nm

②②②: Pump Wavelength
915 - 915 nm

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

④④: Fiber Type for Signal Input
25 - Liekki Passive-25/250DC

⑤⑤: Fiber Type for Output
25 - Liekki Passive-25/250DC

⑥⑥: Fiber Length
12 - 1.2 m