

# 793/2000 nm (2+1)×1 Multimode Pump & Signal Combiner (GK-MMPC Series)

## ● Description

Pump Combiner + Signal Transfers

## ● Features

- High Power Transfer Efficiency
- Wavelength Insensitive
- Particular Pulling and Package Technique
- Custom Configurations Available

## ● Applications

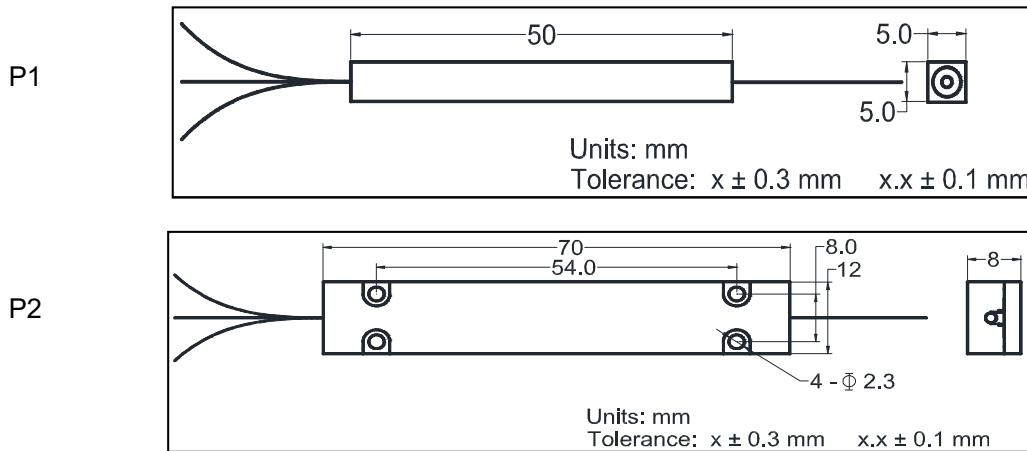
High Power Fiber Laser	High Power EDFA	CATV Amplifier
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## ● Specifications

Parameter	Unit	Value
Product Type	-	(2+1)×1
Pump Wavelength	nm	793
Signal Wavelength	nm	2000
Fiber Type for Input (Pump Channel)	-	Nufern 105/125 (0.15 NA or 0.22 NA)
Fiber Type for Input (Signal Channel)	-	Nufern SM-GDF-10/130-15FA
Fiber Type for Output	-	Nufern SM-GDF-10/130-15FA
Signal Channel Insertion Loss	dB	< 0.60
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: 70 (L) × 12 (W) × 8 (H)
Operating Temperature	℃	0 to + 65
Storage Temperature	℃	- 40 to + 85

<sup>1</sup>Mode number summation of all input fibers should be less than that of output fiber.

### ● Package Dimensions



### ● Ordering Information

GK-MMPC-(2+1)×1-①-②-③-④-⑤-⑥

**①: Signal Wavelength**

2000 - 2000 nm  
SSSS - Specify

**②: Pump Wavelength**

793 - 793 nm  
SSS - Specify

**③: Fiber Type for Pump Input**

15 - 105/125 (0.15 NA)  
22 - 105/125 (0.22 NA)

**④: Fiber Type for Signal Input**

10 - SM-GDF-10/130-15FA  
SS - Specify

**⑤: Fiber Type for Output**

10 - SM-GDF-10/130-15FA  
SS - Specify

**⑥: Fiber Length**

Q - 0.75 m  
S - Specify