



## (1+1)×1 Multimode Pump & Signal Combiner (GK-MMPC Series)

### ● Description

Pump combiner + signal transfers.

### ● Features

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

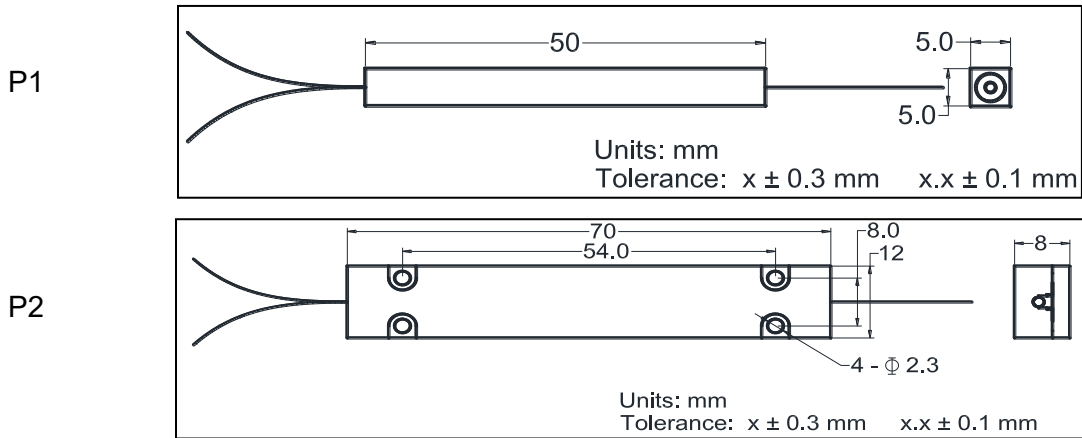
### ● Applications

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

### ● Specifications

Parameter	Unit	Value
Product Type	-	(1+1)×1
Pump Wavelength Range	nm	900 - 1000
Signal Wavelength Range	nm	1550
Fiber Type for Input (Pump Channel)	μm	105/125 (0.15 NA or 0.22 NA)
Fiber Type for Input (Signal Channel)	μm	6/125 DCF, 10/125 DCF
Fiber Type for Output	μm	6/125 DCF, 10/125 DCF
Signal Channel Insertion Loss	dB	< 0.50
Typ. Pump Efficiency	%	94
Min. Pump Efficiency	%	92
Max. Input Pump Power	W	1 × 10 1 × 30
Package Dimensions	mm	P1: 50 (L) × 5 (W) × 5 (H) P2: 70 (L) × 12 (W) × 8 (H)
Operating Temperature	℃	-40 to +108
Storage Temperature	℃	-40 to +85

## ● Package Dimensions



## ● Ordering Information

GK-MMPC-(1+1)×1-①-②-③-④-⑤-⑥-⑦

**①: Signal Wavelength**

06 - 1060 nm

SS - Specify

**②: Pump Wavelength**

915 - 915 nm

975 - 975 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**

06 - 6/125 DCF, NA = 0.14/0.46

10 - 10/125 DCF, NA = 0.08/0.46

SS - Specify

**⑤: Fiber Type for Output**

06 - 6/125 DCF, NA = 0.14/0.46

10 - 10/125 DCF, NA = 0.08/0.46

SS - Specify

**⑥: Fiber Length**

Q - 0.75 m

1 - 1.0 m

S - Specify

**⑦: Package Type**

1 - P1

2 - P2