

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

● Description

Pump Combiner with Signal Feedthrough

● Features

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

● Applications

Fiber Lasers and Amplifiers

High Power EDFA

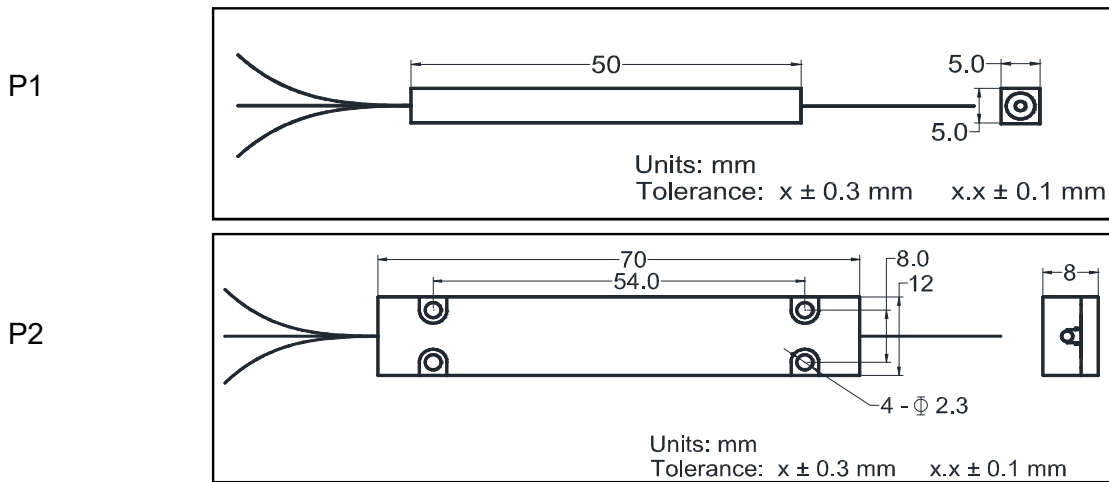
CATV Amplifiers

● Specifications

Parameter	Unit	Value
Product Type	-	(2+1)×1
Pump Wavelength Range	nm	900 - 1000
Signal Wavelength Range	nm	1060
Fiber Type for Input (Pump Channel)	-	105/125 (0.15 NA, or 0.22 NA)
Fiber Type for Input (Signal Channel)	-	10/125 DCF, 20/130 DCF
Fiber Type for Output	-	10/125 DCF, 20/130 DCF
Signal Channel Insertion Loss	dB	< 0.50
Typ. Pump Efficiency	%	94
Min. Pump Efficiency	%	92
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	°C	0 to + 65
Storage Temperature	°C	- 40 to + 85

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

● Package Dimensions



● Ordering Information

GK-MMPC-(2 + 1) × 1-①-②-③-④-⑤-⑥-⑦

①: Signal Wavelength

06 - 1060 nm

55 - 1550 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 - PM-GDF-6/125-M

08 - CorActive DCF-UN-8/125-14-PM

SS - Specify

⑤: Fiber Type for Output

06 - PM-GDF-6/125-M

08 - CorActive DCF-UN-8/125-14-PM

SS - Specify

⑥: Fiber Length

Q - 0.75 m

1 - 1.0 m

S - Specify

⑦: Package Type

1 - P1

2 - P2