(1+1)×1 PM Pump & Signal Combiner (GK-PMMPC Series)

Description

Pump Combiner with PM Signal Feedthrough

Features

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

Applications

PM Fiber Laser | PM Fiber Amplifiers

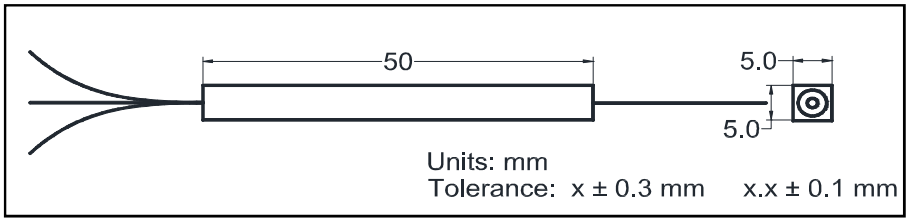
Specifications

Parameter	Unit	Value
Product Type	-	PM (1+1)×1
Pump Wavelength Range	nm	900 - 1000
Signal Wavelength Range	nm	1060, 1550
Fiber Type for Input (Pump Channel)	-	Nufern 105/125 (0.15 NA, or 0.22 NA)
Fiber Type for Input (Signal Channel)	-	PM 980, PM 1550, PM-6/125 DC, or PM-8/125 DC
Fiber Type for Output	-	PM-6/125 DC, or PM-8/125 DC
Signal Channel Insertion Loss	dB	< 0.50
Min. Pump Efficiency	%	90
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	℃	0 to + 65
Storage Temperature	℃	- 40 to + 85

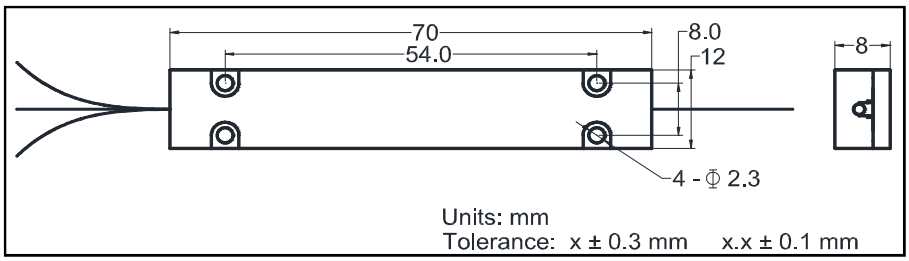
[1]Mode number summation of all input fibers should be less than that of output fiber.

Package Dimensions

P1



P2



Ordering Information

GK-PMMPC-(1+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