2 μm Polarization Maintaining Tap Coupler (GK-PMTC Series)

Description

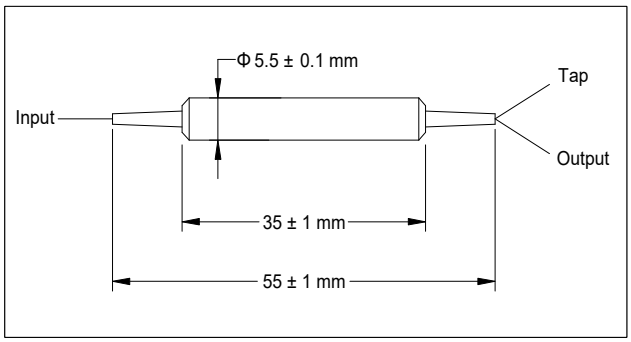
The 2 μm Polarization Maintaining Tap Coupler is manufactured by using advanced technology to allow the input signal to be splitted at various ratios with high extinction ratio.

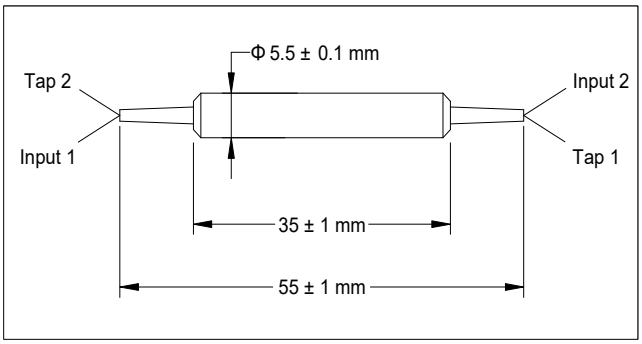
Specifications

Parameter	Unit	Value
Center Wavelength	nm	2000
Operating Wavelength Range	nm	λc ± 40
Configuration	-	1 × 2 2 × 2
Max. Excess Loss	dB	1.2 1.5
Max. Uniformity (only for 50%)	dB	0.6 0.8
Tap Ratio	%	1 ± 0.2, 2 ± 0.4, 4 ± 0.8, 5 ± 1.0, 10, 20 and 50
Min. Return Loss	dB	50
Min. Extinction Ratio	dB	18 18
Max. Optical Power (Continuous Wave)	mW	300
Max. Tensile Load	N	5
Operating Temperature	℃	- 5 to + 70
Storage Temperature	℃	- 40 to + 85
Fiber Type	-	SMF-28 or PM 1550 Panda fiber for tap port PM 1550 Panda fiber for input & output ports

IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added.
Connector key is aligned to slow axis.

Package Dimensions





Ordering Information

GK-PMTC-①-②-③-④-⑤-⑥-⑦-⑧

①: Wavelength

2000 - 2000 nm

SSSS - Specify

②: Configuration

1 - 1 × 2

2 - 2 × 2

③: Coupling Ratio

01 - 01/99 10 - 10/90

02 - 02/98 20 - 20/80

04 - 04/96 50 - 50/50

05 - 05/95 SS - Specify

④: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

⑤: Fiber Jacket

B - 250 μmBare Fiber

L - 900 μm Loose

S - Specify

⑥: Fiber Type for Tap Port

M - SMF-28 Fiber

P - PM 1550 Panda Fiber

⑦: Fiber Length

Q - 0.75 m

S - Specify

⑧: Working Axis

F - Fast axis blocked