sales@wdmquest.com
www.wdmquest.com

1103 PM Fused Coupler

C3031-P

2x2 1550 nm PM Filter Coupler, 1/99

The coupler offers very low insertion loss, high return loss and high extinction ratio. It can be used for fiber sensor, fiber optical instrument, EDFA & raman amplifier.

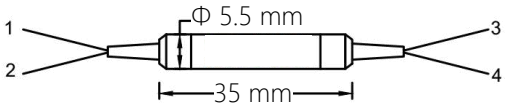
FEATURES

- Low Insertion Loss
- High Return Loss
- High Extinction Ratio

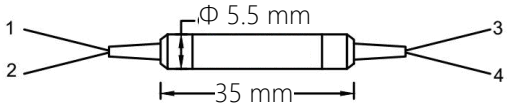
USE IN

- EDFA & Raman Amplifier
- Fiber Optical Instrument
- Fiber Sensor

MECHANICAL DRAWING



Routing path is 1 to 2(tap), 3 or 4 to 3(tap), 2
Both axis working



Routing path is 1 to 3, 4(tap) & 3 to 1, 2(tap)
Slow axis working, Fast axis blocked

Type		2x2
Center Wavelength		1550±40 nm
Excess Loss		0.7 dB max.
Coupling Ratio		1/99
Extinction Ratio	Both Axis Working	20 dB min.
	Fast Axis Blocked	22 dB min.
Return Loss		50 dB min.
Optical Power (CW)		500 mW max.
Tensile Load		5 N max.
Fiber Type	In & Out	PM Panda Fiber
	Tap	PM Panda fiber or SMF-28E
Operating Temperature		-5°C to +70°C
Storage Temperature		-40°C to +85°C

* With connectors, IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower.

Order notes to our customers: **The default parameters are as follows. For special needs, please contact sales.**

1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.

2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.