0203 PM Coupler

C3001-P

1x2 780 nm PM Filter Coupler, 50/50

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.
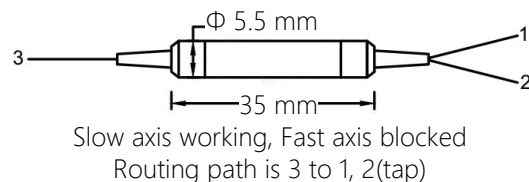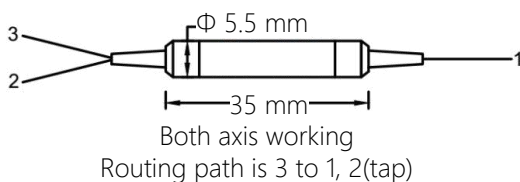
FEATURES

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

USE IN

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

MECHANICAL DRAWING

Φ 5.5 mm
35 mm
Both axis working
Routing path is 3 to 1, 2(tap)

Φ 5.5 mm
35 mm
Slow axis working, Fast axis blocked
Routing path is 3 to 1, 2(tap)

Type		1x2
Center Wavelength		780 nm
Operating Bandwidth Range		±10 nm
Excess Loss		0.8 dB max.
Uniformity		0.6 dB
Coupling Ratio		50/50
Extinction Ratio	Both Axis Working	20 dB min.
	Fast Axis Blocked	22 dB min.
Return Loss		50 dB min.
Power Handling		500 mW max.
Tensile Load		5 N max.
Fiber Type	In & Out	PM Panda Fiber
	Tap	PM Panda Fiber or 780-HP or Specified
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.