

# 0203 PM Coupler

**C3100-P**



## 1x2 850 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.

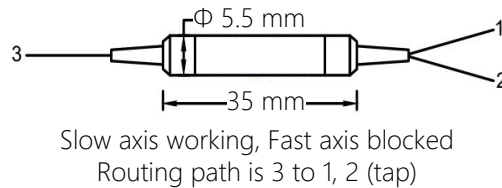
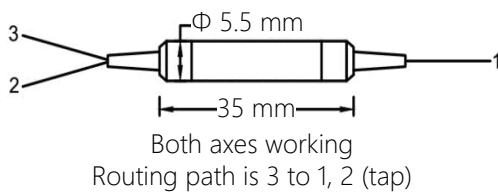
### FEATURES

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

### USE IN

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

### MECHANICAL DRAWING



Type	1x2
Center Wavelength	850 nm
Operating Bandwidth Range	±10 nm
Excess Loss	1.2 dB max.
Coupling Ratio	01/99
Extinction Ratio	22 dB min.
Return Loss	50 dB min.
Power Handling	500 mW max.
Tensile Load	5 N max.
Fiber Type	In & Out Tap
	PM Panda Fiber PM Panda Fiber or 780-HP, HI060, 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.**