

0203 PM Coupler

C3111-P



2x2 850 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.

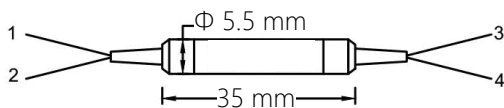
FEATURES

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

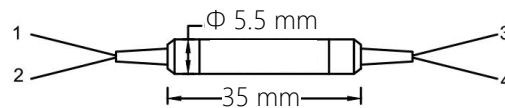
USE IN

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

MECHANICAL DRAWING



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 | 850 nm | |
| Operating Bandwidth Range | ±10 nm | |
| Excess Loss | 1.2 dB max. | |
| Uniformity | 0.8 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.