

0109 Polarization Beam Combiner





2000 nm Polarization Beam Combiner, 300 mW

The PBC has very low insertion loss, high return loss, high extinction ratio and high stability & reliability. It can be used for fiber sensor, fiber optical current transducer, optical fiber gyro and coherent telecommunication systems.

FEATURES

- High Return Loss
- Low Insertion Loss

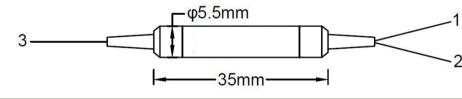
- High Extinction Ratio
- High Stability & Reliability

USE IN

- Fiber Optical Current Transducer
- Fiber Sensor

- Optical Fiber Gyro
- Coherent Telecommunication Systems

MECHANICAL DRAWING



Grade		Р
Center Wavelength		2000 nm
Operating Wavelength Range		±40 nm
Insertion Loss		0.8 dB typ.; 1.0 dB max.
Extinction Ratio		20 dB min.
Directivity		50 dB min.
Return Loss		50 dB min.
Power Handling		300 mW max.
Tensile Load		5 N max.
Fiber Type	Port 1 & 2	PM Fiber
	Port 3	SM Fiber or PM Fiber
Operating Temperature		+5°C to +70°C
Storage Temperature		-40°C to +85°C

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.