

0109 Polarization Beam Combiner

PBC1000-P



1480 nm Polarization Beam Combiner

The PBC1000-P is a 1480 nm polarization beam combiner. It offers very low insertion loss, high return loss, high extinction ratio, high stability and high reliability. It can be used for fiber optical current transducers, fiber sensors, optical fiber gyros and coherent telecommunication systems.

FEATURES

- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High Stability and Reliability

USE IN

- Fiber Optical Current Transducer
- Fiber Sensor
- Optical Fiber Gyro
- Coherent Telecommunication Systems

Center Wavelength	1480 nm	
Insertion Loss	0.32 dB	
Extinction Loss	24 dB	
Input Orientation	Slow Axis on Both Inputs	
Return Loss	50 dB min.	
Operating Temperature	-5°C to +70°C	
Storage Temperature	-40°C to +85°C	
Fiber Type	Input 1 & 2	PM Panda Fiber
	Output	SMF-28 Fiber
Fiber Length	1 m	
Connector	None	