



## PBC1002-P



### 1550 nm POLA-MUX® Polarization Beam Combiner

The PBC1002-P is a 1550 nm POLA-MUX® 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.

Passive  
Devices

Passive  
Devices

#### 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	1550 nm	
Input Orientation	Fast	Slow
Insertion Loss	0.45 dB	0.27 dB
Operating Temperature	-5°C to +70°C	
Storage Temperature	-40°C to +85°C	
Connector	None	