

## Polarization Beam Splitter

The Polarization Beam Splitter is a micro-optic device that can split one light into two polarized outputs with their polarization states orthogonal to each other. It is ideal choice for application in EDFA, pump lasers, and optical fiber sensors. the device is designed and manufactured to meet Bellcore GR-1209-CORE requirements.

### Features

- Low insertion loss
- High extinction ratio
- High Stability and Excellent Reliability



### Applications

- EDFA
- Raman amplifier
- High Speed Optical Communications
- Laboratory R&D

### Specifications

Item	Unit	Specifications	
Center Wavelength	nm	1310 or 1550	
Operating Bandwidth	nm	±40	
Insertion Loss	dB	≅ 0.60 (P Grade)	≅ 0.80 (A Grade)
Extinction Ratio	dB	≅ 22 (P Grade)	≅ 20 (A Grade)
Return Loss	dB	≅ 55	
Directivity	dB	≅ 55	
Handling Power	mW	≅ 500	
Fiber Type		SM Fiber	
Operating Temperature	°C	0 to +70	
Storage Temperature	°C	-40 to +85	

### Ordering Information

