

Polarization Beam Splitter

Features

- Low insertion loss
- High extinction ratio
- Compact size
- High directivity

Applications

- Polarization mode dispersion compensator
- EDFA & Raman amplifier
- Coherent telecommunication systems



Main Specifications

Parameter	Max	Min	Specification	Unit
Center Wavelength			1550	nm
Bandwidth			±40	nm
Insertion Loss	√		0.7	dB
Extinction Ratio		√	20	dB
Return Loss		√	50	dB
Directivity		√	50	dB
Operating Temperature Range			0 ~ +70	°C
Storage Temperature Range			-40 ~ +85	°C
Maximum Power Handling			500	mW
Package Dimension (L*Φ)			35.2*5.5	mm

Notes:

1. All values referenced without connector.
2. The optical polarization direction is aligned to the slow axis.



