

## Depolarizer (1310nm, 1550nm)

### Product Features

- High Extinction Ratio
- Low Insertion Loss
- High Return Loss

### Product Applications

- Communication Systems
- Test Instrumentations
- Fiber Sensors
- Research

### Specifications

Parameter	Unit	Value
Center Wavelength	nm	1310or 1550
Operating Wavelength Range	nm	±50
Typ. Insertion Loss at 23°C	dB	0.3
Max. Insertion Loss at 23°C	dB	≤0.5
Min. Return loss (input/output)	dB	≥50/50
Typ. Extinction ratio at 23°C	dB	≤3
Max. Optical Power (CW)	mW	500 (Based on proper polarization alignment)
Max. Tensile Load	N	≤5
Fiber Type (Input-output)		PM Panda fiber
package dimensions	mm	Φ5.5*55
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

\* Above specifications are for devices without connectors

\* For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower

\* The PM fiber and the connector key are aligned to the slow axis

### Ordering Information

DEP	Wavelength	Pigtail Type	Fiber Length	Connector
<b>1x1</b>	1310nm 1550nm Specify	250um bare fiber 900um loose tube Specify	0.5m 1m 1.5m 2m Specify	N=None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify