

## 扰偏器 — PCD-003

产品名称	扰偏器 — PCD-003
公司名称	无锡启纳光电技术有限公司
价格	1.00/个
规格参数	产地:美国 波长:1550nm
公司地址	无锡市锡山区芙蓉三路99号锡山科创园祥云2座217室
联系电话	0510-66727382 15861680855

## 产品详情

General Photonics ' 4-axis Polarization Scrambler Module uses a breakthrough all-fiber technology to effectively randomize polarization states. Depolarizing by polarization scrambling has many important applications: Scrambling the input polarization can remove measurement uncertainties caused by the polarization sensitivity of the device under test. Performance degradation due to polarization-dependent-gain (PDG) induced in optical amplifiers can be suppressed by scrambling the State of Polarization (SOP). Polarization scrambling can also be used in systems to facilitate and simplify PMD monitoring. Based on a patented, award-winning all-fiber technology, the PCD-003 delivers superior performance with extremely low insertion loss, back reflection and residual phase and amplitude modulation. In addition, the total power consumption is typically less than 10W.

3. Measured from a photodetector at PCD-003 output using a spectrum analyzer. A polarizer is placed in front of the photodetector to

convert polarization modulation to amplitude modulation.

Features:

- . No insertion loss
- . No back reflection
- . Low residual phase and amplitude modulation
- . Low power consumption

Applications:

- . PDG (polarization dependent gain) mitigation

- . Polarization sensitivity elimination
- . Facilitating PMD emulation
- . Facilitating PMD compensation
- . Facilitating PDL measurement