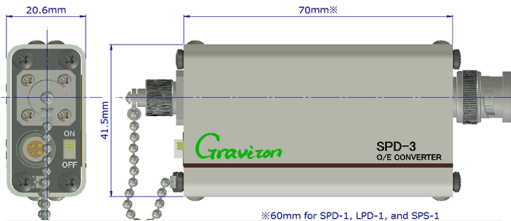


has been specialized in design and manufacture of O/E and E/O converters which are ultra-low noise, stable, and compact. They are widely accepted by applications ranging from medical, communication, instrumental to cutting edge research. Graviton's strong competence is design and development based upon your requirements. 優れた設計により、超低ノイズでコンパクトな O/E および E/O コンバータを提供します。医療、コミュニケーション機器から最先端の研究に至る幅広い分野で好評価を得ております。お客様の高難度な要求に応えられる高い開発力を持っています。

■ O/E Converters



- Visible Light SPA-2: Max NA=0.5 , Core ϕ 1000um , DC to 1GHz
- Visible Light SPA-4: Max NA=0.5 , Core ϕ 250um , DC to 3GHz
- Visible Light (Using Si PIN PD , High Sensitivity Models)
- NIR Light (Using InGaAs PIN PD)



■ Differential Photodetector FOR OCT:DLP-1

- DC to 400 MHz dual balanced photodetector
差動増幅 O/E : 高速 SS-OCT 用
- Optimized for high-speed SS-OCT with low harmonic distortion and low group delay
- High sensitivity: 5 V/mW or 10 V/mW
- Very low noise, NEP < 5 pW/ $\sqrt{\text{Hz}}$
- Compact and easy installation

Calibration Light Source

校正用光源



■ Calibration Light Source: RLS-7 series

- Outputs 7 different wave length
- Combination of 7 wavelengths can be altered by selecting LD.
- Super Stable Output under controlled temperature

■ Dual-element Sensor Amplifier for AFM (Atomic Force Microscope)

高速 AFM 用 2 分割 O/E コンバーター

The dual-element sensor amplifier consists of two units:

MPR-1A: PDA module (Light signal receiving)

MSC-1: SCD unit (Light signal analog operation)

O/E for AFM



MPR-1A : PDA module to receive light signal

MSC-1 : SCD unit to perform analog operation of light signal

Contact Graviton for details