**Detector Position**

- **TOP**
- **BOTTOM**

**Detector Type**

- UV Si Photodiode
- ex-InGaAs Photodiode

**Active Diameter (mm)**

- TOP: 2.5
- BOTTOM: 1.0

**Operating Wavelength (μm)**

- TOP: 0.2 – 1.0
- BOTTOM: 1.2 – 2.6

**Shunt Resistance (Ω)**

- TOP: 200M min @ 0V
- BOTTOM: > 3k

**Shunt Capacitance (pF)**

- TOP: 300 typ
- BOTTOM: 300 typ

**Responsivity (A/W)**

- TOP: 0.5 @ 850 nm
- BOTTOM: 0.5 @ 2200 nm

**NEP (W/Hz^{1/2})**

- TOP: <1.5 x10^{-14} @ 850 nm
- BOTTOM: < 1 x10^{-11} @ 2200 nm

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**Application Note**

ELECTRO OPTICAL SYSTEMS offers a variety of room temperature 2-color photodiode detectors. The units have state-of-the-art sensitivity and are supported by accessories such as optical filters, integral preamplifiers, and fiber optic connectors.

These units find applications in industrial control systems, test equipment, thermal sensors, and general infrared instrumentation.