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100mm² DUV Photodiode with Ceramic Housing



DUVPhotodiodes

Stock **#84-986** **1 In Stock**

⊖ 1 ⊕ £177⁰⁰

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Volume Pricing

Qty 1-4	£177.60 each
Qty 5-9	£157.60 each
Qty 10-24	£139.20 each
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! Prices shown are exclusive of VAT/local taxes

Product Downloads

General

3 @ 0 V, 1 kΩ **Rise Time (μs):**

Physical & Mechanical Properties

10.0 x 10.0 **Size of Active Area (mm):**

Active Area (mm²):

100.0

Optical Properties

980.00 **Peak Response Wavelength (nm):**

Electrical

0.5 **Responsivity @ 980nm (AW):**

Minimum: 0.04
Typical: 0.2 **Shunt Resistance @ V=-10mV (GΩ):**

0.34 **Responsivity @ 633nm (AW):**

0.12 **Responsivity @ 200nm (AW):**

1100.00 **Capacitance @ V_R=0V (pF):**

8.2×10^{-14} **Noise Equivalent Power NEP (W/ Hz^{1/2}):**
@ 0 V, 200nm

5.00 **Maximum Reverse Voltage (V):**

Hardware & Interface Connectivity

Ceramic **Connector:**

Environmental & Durability Factors

-20 to +60 **Operating Temperature (°C):**

-20 to +80 **Storage Temperature (°C):**

Regulatory Compliance

[View](#) **Certificate of Conformance:**

Product Details

- Excellent UV Sensitivity
- High Shunt Resistance
- Low Capacitance

DUV Photodiodes are ideal for a wide variety of applications, including UV spectrophotometry and analytical and medical instrumentation. DUV Photodiodes are designed for enhanced responsivity from 200 – 400nm, and with sensitivity extending down to 190nm. DUV Photodiodes feature quartz windows and either metal or ceramic housing. Models with suppressed NIR performance are also available.