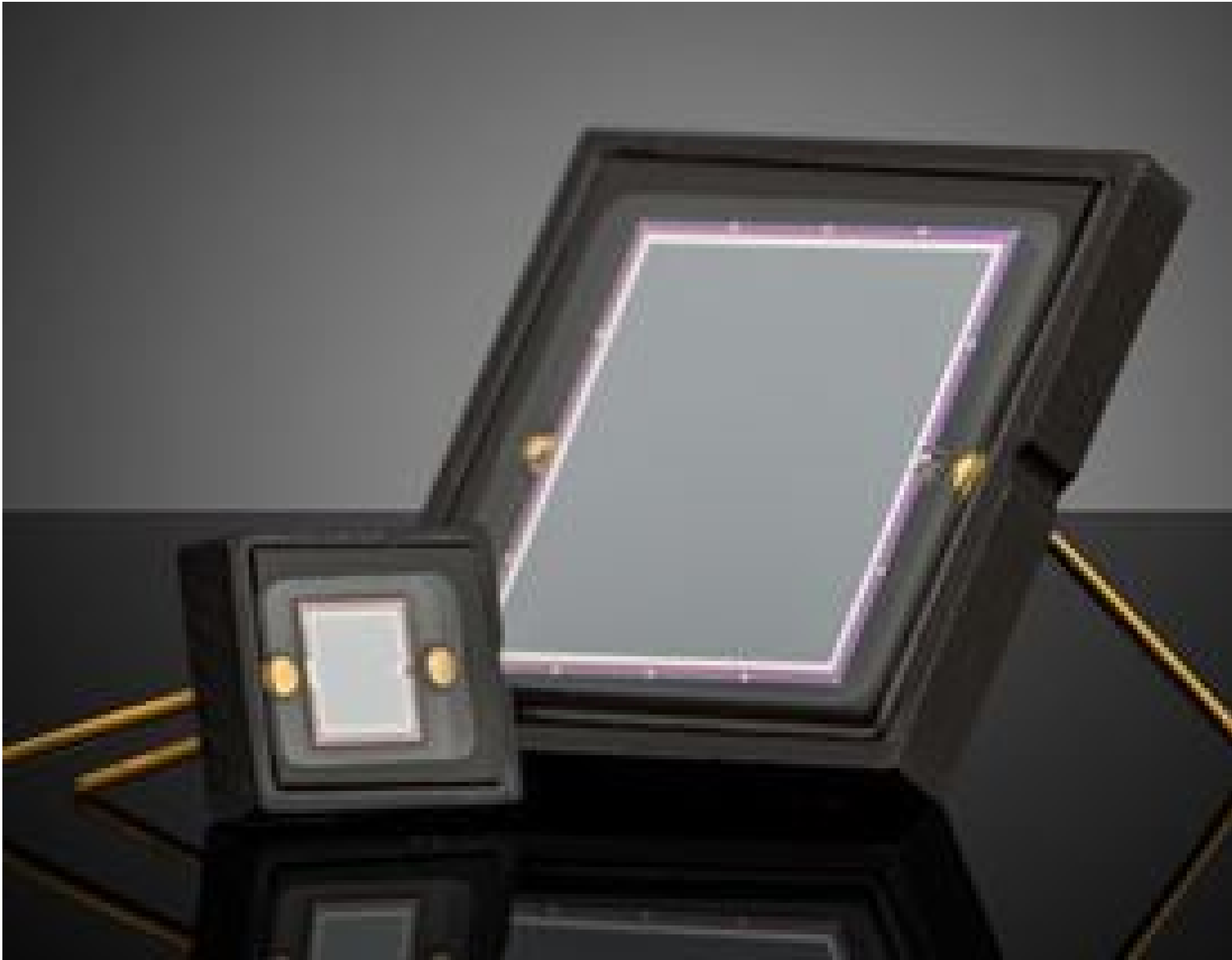


# 100mm<sup>2</sup> DUV Photodiode with Ceramic Housing



DUVPhotodiodes

Stock **#84-986** **3 In Stock**

-

1

+

£185<sup>30</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-4        | £185.30 each                  |
| Qty 5-9        | £164.05 each                  |
| Qty 10+        | £145.35 each                  |
| Need More?     | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

## Product Downloads

## SPECIFICATIONS

### General

3 @ 0 V, 1 kΩ

Rise Time (μs):

| Physical & Mechanical Properties     |                                                     |
|--------------------------------------|-----------------------------------------------------|
| 10.0 x 10.0                          | Size of Active Area (mm):                           |
| 100.0                                | Active Area (mm²):                                  |
| Optical Properties                   |                                                     |
| 980.00                               | Peak Response Wavelength (nm):                      |
| Electrical                           |                                                     |
| 0.5                                  | Responsivity @ 980nm (A/W):                         |
| Minimum: 0.04<br>Typical: 0.2        | Shunt Resistance @ V=-10mV (GΩ):                    |
| 0.34                                 | Responsivity @ 633nm (A/W):                         |
| 0.12                                 | Responsivity @ 200nm (A/W):                         |
| 1100.00                              | Capacitance @ V <sub>R</sub> =0V (pF):              |
| 8.2 x 10 <sup>-14</sup> @ 0 V, 200nm | Noise Equivalent Power NEP (W/ Hz <sup>1/2</sup> ): |
| 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                |                                                     |
| <a href="#">View</a>                 | 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.