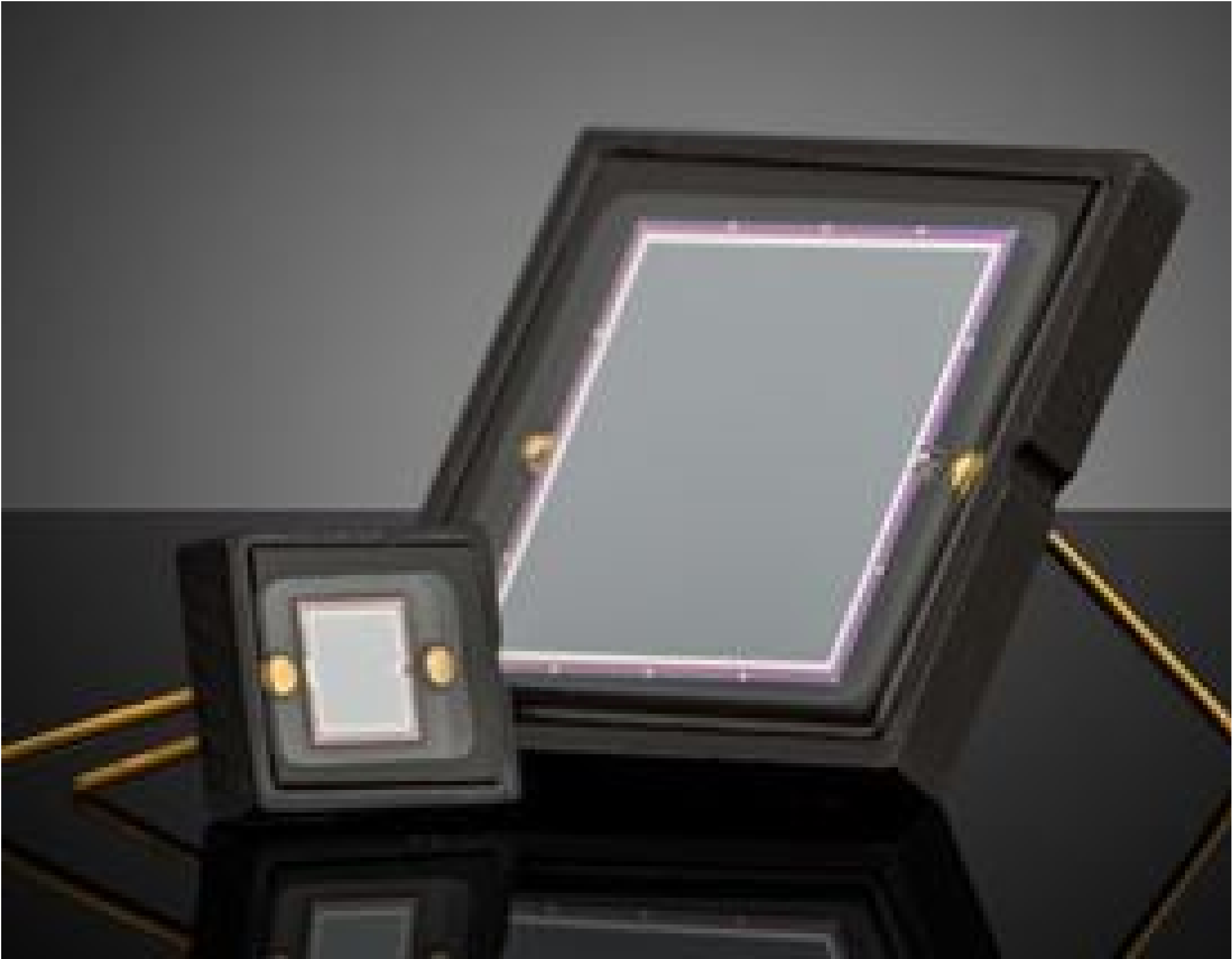


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100mm² DUV Photodiode with Ceramic Housing



DUVPhotodiodes

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

- 1 + **S\$310⁰⁰**

ADD TO CART

Volume Pricing	
Qty 1-4	S\$310.80 each
Qty 5-9	S\$275.80 each
Qty 10-24	S\$243.60 each
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Product Downloads

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 (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 x 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.