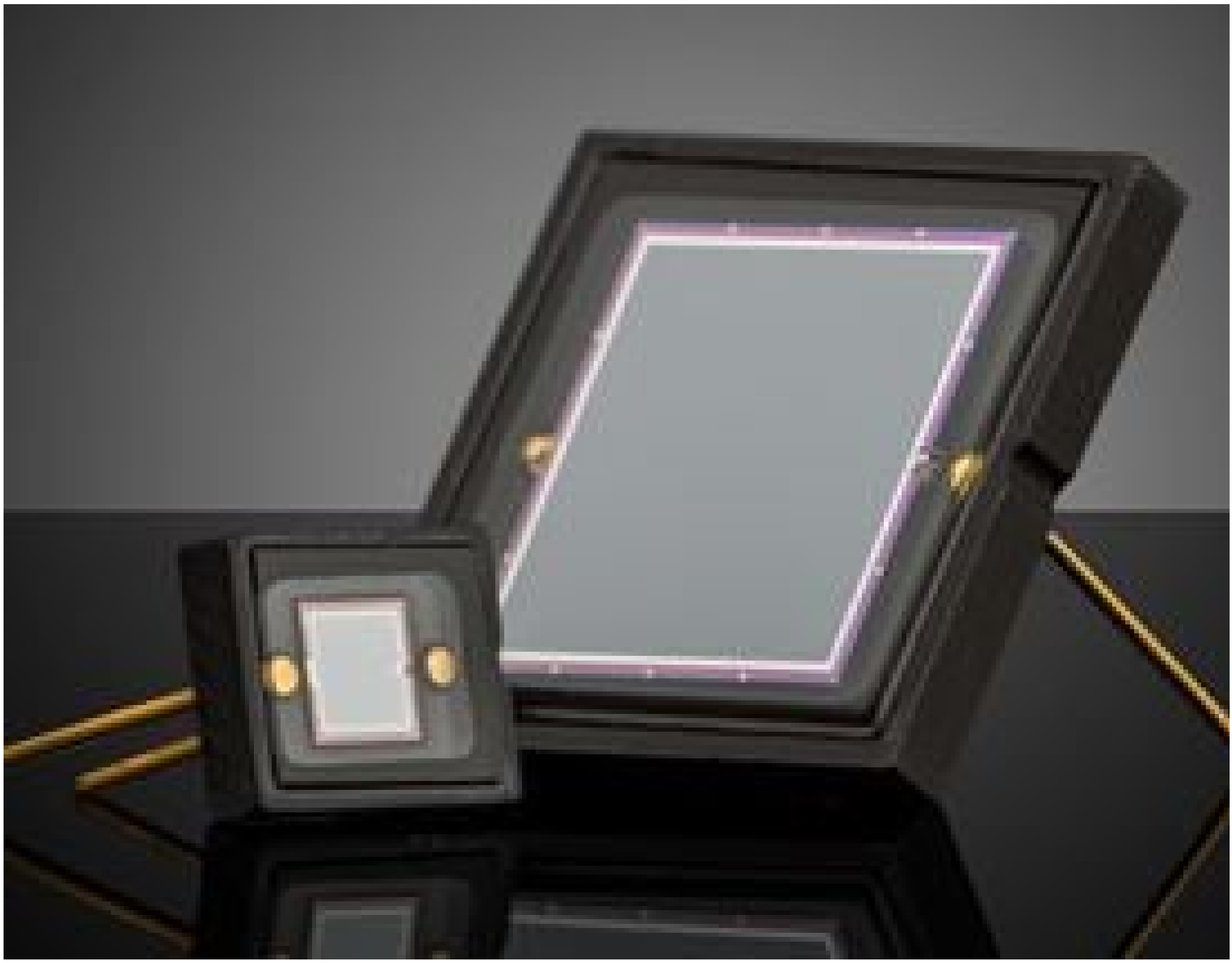
See all 8 Products in Family

100mm^2 DUV Photodiode with Ceramic Housing



DUV Photodiodes

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

- 1 + **₹19,620**

ADD TO CART

Volume Pricing	
Qty 1-4	**₹19,620** each
Qty 5-9	**₹17,370** each
Qty 10+	**₹15,390** each
Need More?	Request Quote

Product Downloads

General

Rise Time (µs):
3 @ 0 V, 1 kΩ

Physical & Mechanical Properties

Size of Active Area (mm):
10.0 x 10.0

Active Area (mm^2):
100.0

Optical Properties

Peak Response Wavelength (nm):
980.00

Electrical

Responsivity @ 980nm (A/W):
0.5

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

Responsivity @ 633nm (A/W):
0.34

Responsivity @ 200nm (A/W):
0.12

Capacitance @ V_R=0V (pF):
1100.00

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

Maximum Reverse Voltage (V):
5.00

Hardware & Interface Connectivity

Connector:
Ceramic

Environmental & Durability Factors

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

Storage Temperature (°C):
-20 to +80

Regulatory Compliance

Certificate of Conformance:
View

Country of Origin:
United States

Imported By:
Edmund Optics India Private Limited

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.

;