

[See all 8 Products in Family](#)

1.61mm² Four-Element UV Enhanced Segmented Photodiode



Stock **#84-613** **2 In Stock**

- 1 + MRP ₹9,558

i Price inclusive of all taxes

ADD TO CART

Volume Pricing

Qty 1-4	₹9,558 each
Qty 5-9	₹8,443 each
Qty 10-24	₹7,328 each
Need More?	Request Quote

Product Downloads

General

10.00 **Rise Time (ns):**
SPOT-4DUV **Model Number:**

Physical & Mechanical Properties

1.3x1.3 **Size of Active Area (mm):**

1.61 **Active Area (mm²):**

0.127 **Element Gap (mm):**

Electrical

Responsivity @ 970nm (AW):
Minimum: 0.08
Typical: 0.1

Capacitance @ V_R=-10V (pF):
40.00

Noise Equivalent Power NEP (W/ Hz^{1/2}):
1.3 x 10⁻¹³ @ -10 V, 970nm

Maximum Reverse Voltage (V):
5.00

Dark Current @ V_R=-10V (nA):
Maximum: 500
Typical: 100

Hardware & Interface Connectivity

Connector:
41 / TO-5

Environmental & Durability Factors

Operating Temperature (°C):
-10 to 60

Storage Temperature (°C):
-20 to 70

Regulatory Compliance

Certificate of Conformance:
[View](#)

Country of Origin:
United States

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

Product Details

- High Stability Over Temperature and Time
- Excellent Resolution, High Accuracy, Ultra-Low Dark Current
- Two or Four Separate Active Area Segments
- [Segmented InGaAs Photodiodes](#) Also Available

Segmented Photodiodes are designed for a wide variety of applications that require high stability and fast response times. Featuring position resolutions of greater than 0.1µm, Segmented Photodiodes are ideal for surface profiling, position measurement, alignment, or targeting. Segmented Photodiodes are segmented into either two or four separate active areas and have spectral response ranges from 350 – 1100nm. The segmented regions allow various measurement profiles on a single detector.