

**JAIN LASERTECH PVT. LTD.**  
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## **MOUNTED PHOTO DETECTOR MODEL PD-10**



PD-10 Model is a JAIN LASERTECH make Mounted Photo Detector that exhibits a highly linear responsivity over a wide spectral range allowing accurate detection of very low levels across the visible and into the near-IR.

**Spectral Response Band** : 350-1100 nm  
**Responsivity** : 0.45 A/W @ 830 nm min.  
**Active Area** : 10.0 mm<sup>2</sup>  
**Dark Current** : (  $V_{rb}$  at 1 V ) 10.0 nA  
**Voltage Breakdown** : 20 V  
**Shunt Resistance** (  $V_{rb} = 0$  ) : 40 Megaohms  
**Junction Capacitance** (  $V_{rb} = 0$  ) : 230 pF  
**NEP at 830 nm** ( 25 °C ) :  $4 \times 10^{-14}$  W/sq.root Hz  
**Vertical Height Adjustment** : Provided

This product is suited ideally for any educational and research laser/optics/physics laboratory.

Also available separately is a matched Photo Amplifier Model PA-10.

[ cut here ]

Name & Address: \_\_\_\_\_

Email: \_\_\_\_\_

Enquiry Ref. # \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

**Request for Quotation:**

Please send a quotation for:

[ ] PD-10 Photo Detector, Qty: \_\_\_\_\_ pc(s)

[ ] PA-10 Photo Amplifier, Qty: \_\_\_\_\_ pc(s)

**Mail this form to:**

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