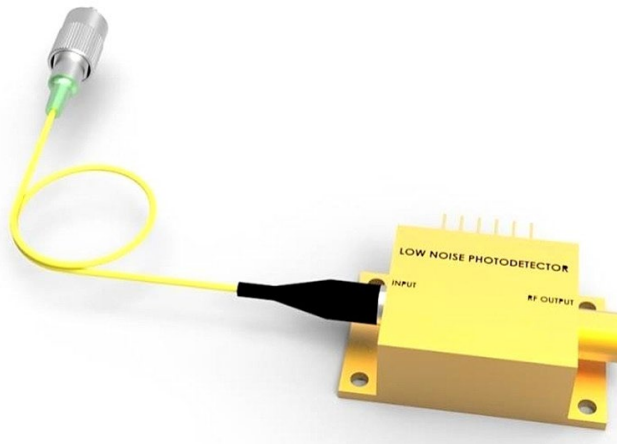


InGaAs Butterfly Photodetector



Description:

The butterfly packaging unit detector integrates a low-noise PIN detector and a transimpedance amplifier, and the detector is powered by a single power supply; On the basis of the performance of the original detector module, its size is smaller, its weight is lighter, and its power consumption is lower, especially fits the current trend of miniaturization of equipment system integration.

Features:

- Low Noise
- High Bandwidth
- High Transimpedance Gain
- Compact Structure
- Built-in low noise isolation power supply

Application:

- Optical Fiber Sensing
- Optical Fiber Communication
- Laser Ranging
- Spectrometry

Specifications:

Product Model	DPD-100M-A	DPD-200M-A	DPD-300M-A	DPD-400M-A	DPD-500M-A	Unit
Detector	InGaAs					
Wavelength	800~1700					nm
Bandwidth	100M	200M	300M	400M	500M	Hz
Detector Responsivity	0.95	0.95	0.95	0.95	0.95	AW@1550nm
Transimpedance Gain	30K	30K	30K	10K	5K	V/A
Saturated Input Optical Power	130	130	130	390	780	μW
NEP	5	5	5	7	7	pW/Sqrt(Hz)
Output Impedance	50	50	50	50	50	Ω
Output Coupling Mode	DC/AC	DC/AC	DC/AC	DC/AC	DC	
Supply Voltage	5	5	5	5	5	V
Supply Current	0.3(max)	0.3(max)	0.3(max)	0.3(max)	0.3(max)	A
Optical Input	FC/APC					
Radio Frequency Output	MCX Female					
Shape Size	25*22*10.5					mm