



PDHS971 High Speed GaInAs/InP PIN Photodiode

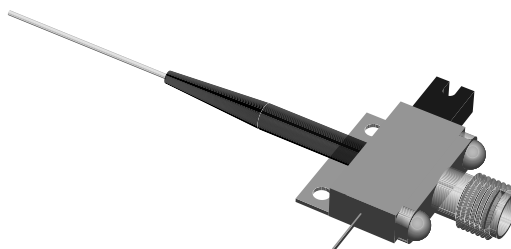
Nanovation's PDHS971 high speed GaInAs/InP PIN Photodiode features high responsivity over a wide operating wavelength range. This transmitter is targeted toward high data rate system applications.

Features

- High responsivity, planar GaInAs/InP structure
- Operating wavelength from 1100 to 1650nm
- Slope fiber coupled with FC/PC fiber connection

Applications

- High data rate system applications



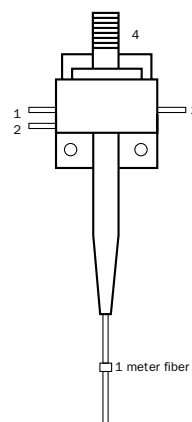
Specifications (T=25°C)

Parameter	Symbol	Testing condition	Min	Typ	Max
Wavelength response (μm)	λ		1.0		1.65
Dark current (nA)	I_d	VR=-5V		0.1	1.0
Responsivity (A/W)	Re	VR=-5V	0.8	0.85	
Bandwidth (GHz)	F (-3dB)	VR=-5V		10	

Pin Information

Pin	Description
1	Anode (-)
2	Case Ground
3	NC
4	RF Signal Out

Top View



To order or for additional information, please contact us at:

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