

GDR Telecom Site Energy Systems

APD with tail fiber



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Our comprehensive portfolio of photonic solutions comprises high-performance APDs made from InGaAs (Indium Gallium Arsenide) that prove excellent quantum efficiency, high-speed performance ...



The A10T-TO is a high sensitivity 10G APD-TIA receiver in a pigtail fiber coupled TO package. It includes a 10G avalanche photodiode with a high gain TIA in a hermetically sealed package.



The Optilab APD-10 is a high sensitivity APD-TIA receiver in a fiber pigtail coupled package. It includes a high speed InGaAs avalanche photodiode with a high gain TIA in a hermetically sealed coaxial ...



Two of the more common APD material types are Silicon and InGaAs. Silicon is used primarily at the shorter wavelengths (~850nm) whereas InGaAs is typically used at the longer (1310, 1550, 1625 nm) ...



PD-LD Inc. offers a variety of standard and custom PIN Photodiodes and APDs in fiber coupled packages. The semiconductors offered are of proven manufacture and design. InGaAs is optimal ...



To complement our pigtailed photodiodes, we have a wide range of fiber connectors (single mode and multimode) and a fiber termination kit. Custom fiber termination with industry-standard fiber ...



High Linearity Fiber Coupled InGaAs PIN Photodiode 900 to 1630nm \$202+ SKU: FCPD
 Fiber Coupled InGaAs PIN Photodiode 5MHz, 2.5GHz, 5GHz 900 to 1600nm, all fiber types \$74+ SKU: FCHI High ...



In low-light conditions, APDs provide internal gain (multiplication of photocurrent), boosting weak signals before noise from downstream electronics becomes significant. This leads to improved SNR ...



Fiber Pigtailed InGaAs Avalanche Photodiode Preamplifier Module CMC Electronics' 276-339832 series uses an InGaAs APD with a built-in trans-impedance amplifier, enabling optimum signal to noise ...

GAIN AN IN-DEPTH UNDERSTANDING OF



The InGaAs PD is coupled to a single mode fiber pigtail. The low noise, overload tolerant PD makes the devices ideal for OTDRs, line receivers and any other light level detection/ signal transmission ...

Contact Us

For more information, pricing, or custom energy solutions, please contact us:

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