

NEWS RELEASE

OSI Optoelectronics, Inc.

12525 Chadron Avenue
Hawthorne, CA 90250
Contact: Steven C. Cuffel
Phone: 310-978-0516
Fax: 310-644-1727
Email: SCuffel@optoelectronics.com
Web Site: www.osioptoelectronics.com

Media Contact: Marlene Moore
Smith Miller Moore
Email: marlene@smithmillermoore.com
Phone: 818-708-1704

For Immediate Release

OSI Optoelectronics Announces High-Speed InGaAs Photodiodes with Pigtail Packages

- OSI's **FCI-InGaAs** family of pigtailed photodiodes are based on indium gallium arsenide imaging technology for near- to shortwave-infrared (NIR-SWIR) sensitivity.

Hawthorne, Calif. – September 6, 2022 – OSI Optoelectronics

(www.osioptoelectronics.com), introduces infrared-sensitive, pigtail-packaged **High-Speed InGaAs Photodiodes** with active areas of 75 μm and 120 μm . The single/multi-mode fiber is optically aligned to either a hermetically sealed InGaAs diode in a TO-46 cap package (which enhances the coupling efficiency and stability) or can be directly connected to the InGaAs diode mounted on a ceramic substrate. With high responsivity from 900 nm to 1700 nm, low capacitance, and low back reflection, the OSI family of pigtail photodiodes are available in a variety of configurations with different terminations and different fibers (single- and multi-mode).



Ideal for high-speed optical communications including high-bit-rate receivers used in LAN, MAN, and WAN, the FCI-InGaAs detectors are also utilized in critical medical applications such as laser-assisted surgeries for ophthalmology. Additional uses include optical power monitoring/instrumentation, GPS (gyroscopes), and other high-speed commercial applications that may require highly reliable specialty fibers with exceptional performance. The devices are available with angle polished connectors and custom packages, upon request.

Operating temperatures range from 0 °C to +75 °C; storage temperatures range from -20°C to +90 °C. To learn more about the various FCI-InGaAs product configurations available,

please visit: <https://www.osioptoelectronics.com/standard-products/ingaas-photodiodes/photodiode-pigtail-assembly.aspx>. To view the datasheet, go to: <https://www.osioptoelectronics.com/Libraries/Datasheets/FCI-InGaAs-Pigtailed-Photodiodes.sflb.ashx>.

ABOUT THE COMPANY:

OSI Optoelectronics, Inc. Hawthorne, California (www.osioptoelectronics.com), a division of OSI Systems, is the global leader in design and manufacture of high-performance standard, custom, and OEM silicon and InGaAs photodiodes. For over 40 years, we have developed and manufactured OEM and custom solutions for leading technologies and industries. We provide advanced optoelectronic components and sub-assemblies for aerospace and defense, security, inspection systems, medical, communications, and industrial automation applications.

#