

RUGGED OPTICAL SOLUTIONS PLATFORM OVERVIEW

Fiber Optics for Harsh Environments

Moog COTSWORKS® is an innovative manufacturer of rugged optical components and sub-systems for networking and sensing applications in harsh environments. Optical transceivers, simplex and complex cables, test equipment, and optical sub-assemblies are designed for commercial and military aerospace, military tactical, industrial and energy, rugged networking and sensor markets. Our engineers integrate custom or off-the-shelf components to work in the most consistent, cost-effective, highest quality and performance: AS9100, ISO 9001, and ATEX certified.

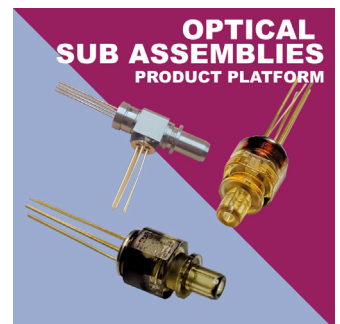
OPTO-ELECTRONIC PRODUCT PLATFORM consists of optical transceivers designed to operate in commercial, military aerospace, and industrial applications. The opto-electronic transceivers are engineered, manufactured, and tested to meet parameters defined within IEEE, MIL-STD-883 and MIL-STD-810. The opto-electronic product platform is optimized to perform across wide temperature ranges and the demanding shock, vibration and humidity requirements of a ruggedized environment.



INTERCONNECT PRODUCT PLATFORM covers a wide range of products to support the development of optical networks within commercial, military aerospace, and industrial applications. Moog designs and manufactures ruggedized connectors, termini, adapters, multiplexers, optical splices, and couplers for harsh environments. The interconnect products meet or exceed industry standards. Moog maintains a robust supply chain and manufacturing traceability.



OPTICAL SUB ASSEMBLY PRODUCT PLATFORM includes TOSAs, ROSAs, BOSAs and custom optical sub-assemblies. We control the OSA product platform from design to integration, and utilizes dual-source vendor list for all raw materials and sub-assemblies. Our Fiber Optics Research Center of Excellence (FORCE) is an ISO 7, Class 10,000 cleanroom that houses precision optical alignment, encapsulation, and test equipment capable of producing OSAs with industry standard and/or unique functionality, performance, and mechanical characteristics.



TEST PRODUCT PLATFORM is comprised of an array of customizable media converters, optical integrated test devices, evaluation/interposer boards, and specialized optical and electrical test equipment. We design and develop custom testing platforms, which can be used in research and development, engineering or production. Partners and authorized resellers of Kingfisher and Luciol, Moog provides a wide range of testing equipment to make development, inspection, qualifying, testing, and certifying fiber optics easier.



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