



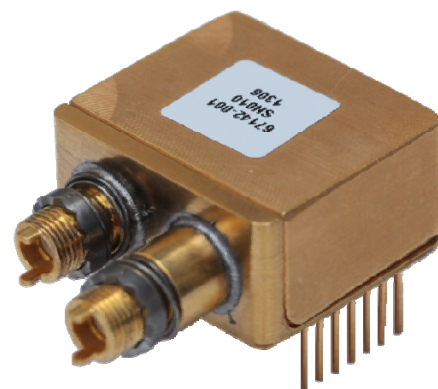
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Micropac Industries Develops Hermetic Fiber Optic Transceiver

GARLAND (March 15, 2013) – Micropac Industries, Inc. (MPAD) has developed the 67142 fiber optic transceiver module providing single channel fiber optic data rates from 100 Mbps up to and exceeding 3.2 Gbps. The 67142 utilizes proven hermetic packaging and an exclusive hermetic fiber feed-through technique. A thermal compensation feedback loop is utilized within the 1310 nm transmitter to provide more stable optical output power over broad operating temperature variations. The transceiver is designed and fabricated to meet the rigors of military and space qualification requirements as dictated by MIL-PRF-38534, EEE-INST-002 and MIL-STD-883. The transceiver is highly tolerant to common ionizing radiation environments, i.e. high energy proton, heavy ion, and X-ray bursts to TID exceeding 100 Krad Si. Micropac is also developing additional fiber optic transceivers with higher speeds.

Designed for the purpose of providing a true hermetic fiber optic transceiver for satellite applications, the 67142 permits a reduction in the copper cable content of satellite data and communications networks. The reduction of copper content creates substantial weight reduction for satellites, space platforms and other airborne aerospace applications.



About Micropac Industries

Founded in 1963, Micropac Industries, Inc. is a diversified, high technology company located in Garland, Texas, specializing in high reliability microcircuit multi-chip modules, Hall Effect devices and optoelectronic components/assemblies. Micropac develops and manufactures complete custom designs to meet specific customer applications and requirements. Our products are being used throughout the world in a wide variety of military/aerospace, space, medical and industrial applications. Visit www.micropac.com for more information.

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