



SUCCESS STORY

Performance Evaluation for Optical Systems

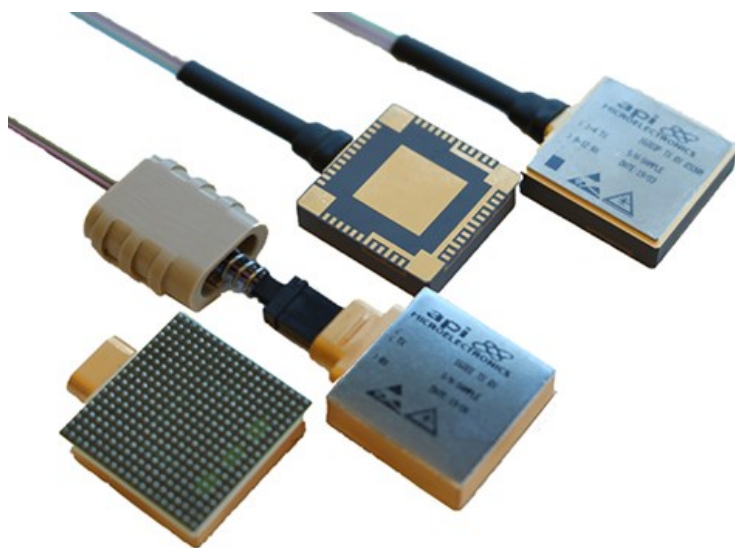
Evaluation Kit for OPTO-FIRE™ Micro Optical Transceiver

Spectrum Control's OPTO-FIRE™ micro-optical transceiver incorporates and improves critical data communication systems, delivering highly reliable data transfer performance. OPTO-FIRE™ addresses the harsh environment market need for a retrofit solution to significantly reduce size and weight requirements in space, airborne, naval, and energy applications.

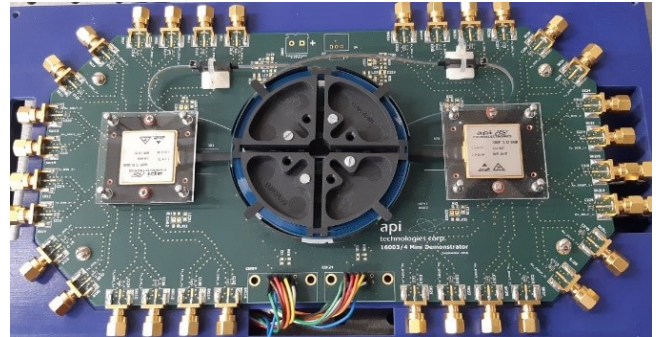
Making the right choice

To help our customers make an informed choice, Spectrum Control have developed evaluation kits for our 10Gbs and 28Gbs products, which enable lab replication/evaluation of either single ended optical performance or full optical link within system applications.

Enabling you to have full visibility of performance characteristics across the full product range



The Spectrum Control OPTO-FIRE™ Micro Optical Transceiver



The Spectrum Control OPTO-FIRE™ Link Evaluation Kit

Performance testing and evaluation

This kit enables customers to easily evaluate the performance of Spectrum Control's OPTO-FIRE™ range of products in their system/application and can be used in electrical and optical performance testing for all OPTO-FIRE™ products across the full temperature range of -50°C to +100°C.

The Evaluation kit is derived from the test board and socket used for all OPTO-FIRE™ product final functional tests. The evaluation kit is capable of withstanding 2,000hrs at 100°C as well as mechanical shock and vibration testing in line with Defence qualification limits.

Evaluation in action

The 10Gbs evaluation kits are currently being utilised in verification and qualification to be designed into an earth observation satellite supported by i3S as well as other LEO and GEO orbit satellites programs.