Optics & Photonics

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Low-loss core switch test report

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Given the automated nature of the test, the number of optical elements in the path and the length of the fiber required to connect the DUTs to test fixtures require low coherence length ...

D. Hou, M. Mu, F. C. Lee and Q. Li, "New High-Frequency Core Loss Measurement Method With Partial Cancellation Concept," in IEEE Transactions on Power Electronics, vol. 32, no. ...

Abstract Currently, the single chip bandwidth of the core switch used for the leaf/spare layer of the DCN network has reached 51.2T. How to design a low-cost, low-power, high ...

This paper describes the design, implementation and measured performance of low loss microwave Single Pole Double Throw (SPDT) and Single Pole 4-Throw (SP4T) switches.

This report presents the qualification test results of MESU fiber optical switch products. The products chosen to performance the qualification testing are 1X2 SM fiber optical switch by ...

The MOSFETs losses are composed of several parts: switching loss, conduction loss, gate drive loss, output capacitance loss, and LS MOSFET body-diode loss. These losses are analyzed in ...

More importantly, the rotor operates on the slip frequency in the range of 1-3 Hz typically, which makes a 60Hz “LOOP TEST” test unrealistic. It is generally accepted that a HOT SPOT test ...

To this day, a standardized approach to measure and quantify the core loss increase in soft magnetic materials due to PWM-like excitation is lacking, given that the investigated phenomena highly ...

One way to keep the power loss in check is to minimize the dropout through the LDO. However, this approach will have a negative impact on noise performance. Additionally, higher ...

For testing at temperatures lower than 0°C, which can be achieved with a chill plate and freezing water, the test setup can be installed inside an environmental chamber and the temperature ...

The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an ...

	In this project, we investigate a new approach that uses a simplified set of square-wave measurements to produce easy-to-use data that can be applied to calculate loss for any rectangular ...
	We experimentally show an ultra-wideband (130 nm), compact (~50 mm), low insertion loss (< 2.7 dB), and low-polarization-dependent-loss (< 0.25 dB) five-c

Contact Us

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