

# Abstracts

## Broadband Microwave Matching of High Speed Photodiodes

---

*C.L. Goldsmith and B. Kanack. "Broadband Microwave Matching of High Speed Photodiodes." 1993 MTT-S International Microwave Symposium Digest 93.1 (1993 Vol. I [MWSYM]): 233-236.*

This paper discusses the successful demonstration of broadband impedance matching of high-speed photodiodes over the 2-4 GHz frequency range. The photodiodes were matched with a resistive/reactive matching technique which achieved a good output match while improving fiber link transmission response and sensitivity by as much as 6 dB.

 [Return to main document.](#)