

- List of contributors
- Introduction and preface
- 1 Figures of merit and performance analysis of photonic microwave links Charles Cox and William S. C. Chang
- 2 RF subcarrier links in local access networks Xiaolin Lu
- 3 Analog modulation of semiconductor lasers Joachim Piprek and John E. Bowers
- 4 LiNbO₃ external modulators and their use in high performance analog links Gary E. Betts
- 5 Broadband traveling wave modulators in LiNbO₃ Marta M. Howerton and William K. Burns
- 6 Multiple quantum well electroabsorption modulators for RF photonic links William S. C. Chang
- 7 Polymer modulators for RF photonics Timothy Van Eck
- 8 Photodiodes for high performance analog links P. K. L. Yu and Ming C. Wu
- 9 Opto-electronic oscillators X. Steve Yao
- 10 Photonic link techniques for microwave frequency conversion Stephen A. Pappert and Roger Helkey and Ronald T. Logan Jr
- 11 Antenna-coupled millimeter-wave electro-optical modulators William B. Bridges
- 12 System design and performance of wideband photonic phased array antennas Greg L. Tangonan and Willie Ng and Daniel Yap and Ron Stephens
- Acknowledgements
- References
- Index