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protection; 2.5.3. Interactivity; 2.6. Bibliography; 2.7. Appendix: notes on digital television; 2.7.1. Video
2.7.2. Screens, size and resolution
2.7.3. Production; Chapter 3. Household Internet Connections; 3.1. Network cables; 3.1.1. Introduction; 3.1.2. Communication media; 3.1.3. The DOCSIS/EURODOCSIS standard; 3.1.4. Modems and DOCSIS/EURODOCSIS CMTS; 3.1.5. RF DOCSIS/EURODOCSIS signals; 3.1.6. Sizing optical nodes for DOCSIS services; 3.1.7. Digital Television; 3.1.8. Analog television; 3.1.9. The last mile: from local loop VHF to fiber; 3.1.10. Transport and distribution of signals from headend to local loops; 3.2. Internet access by means of outdoor PLC
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4.3. Home networks using indoor power line communications

Sommario/riassunto

The field of Home Area Networks (HAN), a dedicated residential subset of LAN technologies for home-based use, is fast becoming the next frontier for the communications industry. This book describes the various technologies involved in the implementation of a HAN: high-speed Internet connections, indoor implementations, services, software, and management packages. It also reviews multimedia applications (which are increasingly the most important and complex aspects of most HANs) with a detailed description of IPTV technology. It highlights the main technologies used for HANs: information tra
