1. | | |
|---|---|
| Record Nr. | UNINA9910143714603321 |
| Titolo | Broadband optical access networks and fiber-to-the-home [[electronic resource]] : systems technologies and deployment strategies / / edited by Chinlon Lin |
| Pubbl/distr/stampa | Chichester, England ; ; Hoboken, NJ, : Wiley, c2006 |
| ISBN | 1-280-51930-4 |
| | 9786610519309 |
| | 0-470-09480-X |
| | 0-470-09479-6 |
| Descrizione fisica | 1 online resource (336 p.) |
| Altri autori (Persone) | LinChinlon |
| Disciplina | 004.6/4 |
| | 004.64 |
| | 621.3821 |
| Soggetti | Optical fiber subscriber loops |
| | Broadband communication systems |
| | Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Broadband Optical Access Networks and Fiber-to-the-Home; Contents; Foreword; Preface and Overview; Acronyms; Contributors List; 1 Broadband Optical Access Technologies and FTTH Deployment in NTT; 1.1 Introduction; 1.2 History of Optical Technology in Japan; 1.2.1 The First Research on Subscriber Optical Transmission Systems; 1.2.2 From Multi-Mode Fiber to Single-Mode Fiber; 1.2.3 Development of CT/RT System; 1.2.4 Moving Towards FTTH; 1.2.5 Optical Systems at Metal-Wire Costs; 1.2.6 Access Network Optical Upgrading Program; 1.3 Trends in Broadband Services |
| | 1.3.1 Growth of Broadband Services in Japan1.3.2 Vision for a New Optical Generation; 1.4 Optical Access Technology Behind Broadband Services; 1.4.1 Optical Access Technology for Current Broadband Services; 1.4.2 Broadband Access Network Technology in the Future; 1.5 Conclusion; References; 2 Today's Broadband Fiber Access Technologies and Deployment Considerations at SBC; 2.1 Introduction; |

| Sommario/riassunto | Broadband Optical Access and Fiber-to-the-Home (FTTH) will provide the ultimate broadband service capabilities. Compared with the currently well-deployed broadband access technologies of ADSL (Asymmetric Digital Subscriber Line) and Cable Modems, optical broadband access with Fiber-to-the-User's home will cater for much higher speed access for new services. Broadband Optical Access Networks and Fiber-to-the-Home presents a comprehensive technical overview of key technologies and deployment strategies for optical broadband access networks and emerging new broadband services. |