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Titolo	Fiber optic video transmission : the complete guide // by David R. Goff ; edited by Kimberly Hansen ; assistant editor Michelle K. Stull
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Descrizione fisica	1 online resource (xxiv, 380 p.) : ill
Altri autori (Persone)	HansenKimberly S StullMichelle K
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Soggetti	Optical communications Fiber optics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Formerly CIP.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction; A Brief History of Video Transmission; Brief History of Fiber Optics; Convergence of Video & Fiber; Basband Video Transmission; CATV Applications; Digitized Video: Uncompressed; Digitized Video: Compressed; Transmitting Video: Copper vs. Fiber; Characteristics of Optical Fiber; Designing Fiber Optic Baseband Video Systems; Designing Fiber Optic CATV Systems; Designing Fiber Optic Digitized Video Systems; Fiber Optic Baseband Video Links; Fiber Optic CATV Video Links; Fiber Optic Digitized Video Links; Pushing the Limit: Long-haul Transmission; Limitations due to Nonlinearities; The Future for Video and Fiber; Glossary of Terms; Bibliography; Index
Sommario/riassunto	David R. Goff explains the techniques and hardware required to transmit video over fibre optical cable. The book covers a wide range of applications from simple cable TV applications to complex intelligent traffic systems.