

OPTICAL FIBER COMMUNICATIONS

Principles and Practice

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SECOND EDITION

JOHN M. SENIOR

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Manchester Metropolitan University, U.K.

Extensively revised and updated, this highly successful text gives an introduction to the fundamentals, problems and techniques of design and utilization of optical fiber systems. This comprehensive book retains its practical orientation combined with a clear readable presentation. It is eminently suitable as a text for advanced undergraduate and postgraduate courses, and highly useful for practising engineers and scientists.

Content Highlights

- ◆ All the major developments in single mode fibers are included.
- ◆ Contemporary practice in optical fiber couplers and wavelength division multiplexing devices.
- ◆ Broad coverage of optical amplifiers and active integrated optic devices.
- ◆ Greater emphasis on advanced systems and techniques, such as coherent transmission.
- ◆ Detailed treatment of the application areas such as optical sensors and local area networks.
- ◆ A wealth of worked examples, problems, exercises and references.

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In a digitally-driven world wherever displays reign supreme and quick interaction drowns out the subtleties of language, the profound secrets and emotional subtleties hidden within words usually get unheard. Yet, situated within the pages of **Optical Fiber Communication John M Senior Solution** a fascinating literary value pulsating with organic feelings, lies a fantastic quest waiting to be undertaken. Penned by a skilled wordsmith, that charming opus invites visitors on an introspective trip, delicately unraveling the veiled truths and profound impact resonating within the very material of each and every word. Within the psychological depths with this emotional review, we will embark upon a honest exploration of the book is primary themes, dissect their captivating writing model, and succumb to the strong resonance it evokes serious within the recesses of readers hearts.

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