

# OPTICAL FIBER COMMUNICATIONS

Principles and Practice

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SECOND EDITION

JOHN M. SENIOR

Head, Department of Electrical and Electronic Engineering,  
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.
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- ◆ Broad coverage of optical amplifiers and active integrated optic devices.
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