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Technician's Guide To Fiber Optics, 4E



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Synopsis

An excellent primer for students beginning to study the subject, this current edition provides a practical, real-world perspective on the fundamentals of fiber optic technology and optical communications. It examines the reasons that optical fibers are the preferred communications medium, surpassing copper wire in all performance measures. A thorough explanation of how fibers work is offered, as well as useful coverage of other related optical components and how those components fit into system-level applications. Premises (LAN), metro, 10G Ethernet, and long-haul applications are also briefly surveyed.

Book Information

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Features: New, expanded coverage of broadband systems. The clear writing style makes concepts easy to grasp. Numerous illustrations enhance and amplify the text. Up-to-date material provides coverage of such topics as VCSELs and dense WDMs. The practical orientation of material

provides valuable perspectives on the uses of fiber optics. --This text refers to the Paperback edition.

Purchase this for a class in fiber optics. This is an excellent book for explaining many aspects of fiber principles. The book also has some excellent explanations on other aspects of electronic principles. This is a keeper book not one to turn back in for a few bucks.

One of the most helpful, plain spoken books I've had to read throughout my entire college experience. Very easy to comprehend.

this book is boring and the professor makes it worst, the formulas are complicated and difficult, and it is hard to tell what formula to use on each problem

This is a very good introduction to fiber optics and telcom as it relates to fiber optic systems. There isn't really that much in terms of equations, but there's plenty of good information about fiber optics in general. It doesn't go into details as to the actual 'technician' side of fiber optics. Perhaps a book on polishing, characterizing networks and the like would be better. I enjoyed the book since it was easy to read, understand, and had very simple (yet useful) equations.

Provides a comprehensive and fundamental overview of fiber optic methods and design criteria. Like any engineer, once I find a book like this I hang on to it and don't even lend it to my nearest relatives

This textbook was for my son. It was exactly what he needed & was a great value. Book in good condition & @ big saving.

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