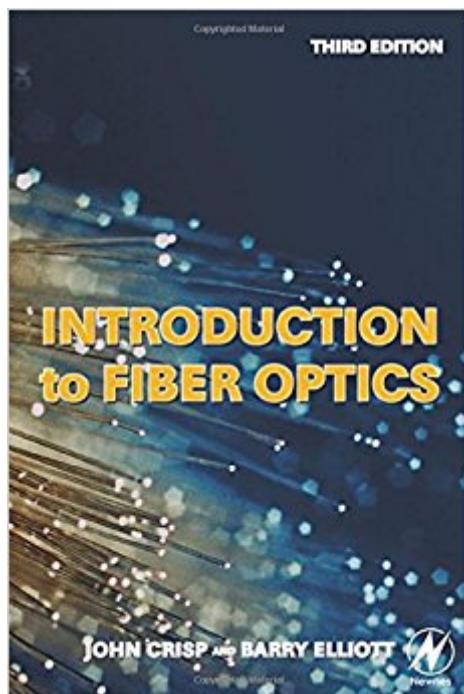


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# Introduction To Fiber Optics, Third Edition



## Synopsis

Introduction to Fiber Optics is well established as an introductory text for engineers, managers and students. It meets the needs of systems designers, installation engineers, electronic engineers and anyone else looking to gain a working knowledge of fiber optics with a minimum of maths. Review questions are included in the text to enable the reader to check their understanding as they work through the book. The new edition of this successful book is now fully up to date with the new standards, latest technological developments and includes a new chapter on specifying optical components. Whether you are looking for a complete self-study course in fiber optics, a concise reference text to dip into, or a readable introduction to this fast moving technology, this book has the solution.

- \* A practical, no-nonsense guide to fiber optics
- \* Up-to-date coverage that minimises mathematics
- \* New material on specifying optical components

## Book Information

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'a concise reference text to dip into, a must-have for systems designers, installation engineers, electronic engineers and anyone else who wants to gain a working knowledge of fiber optics with a minimum of maths. Every chapter ends up with some review questions.' Electronic Product News, March 2002...meets the needs of systems designers, installation engineers, electronic engineers and anyone else who wants to gain a working knowledge of fiber optics with a minimum of maths.-Electronic Servicing & Technology Whether you are looking for a complete self-study course

in fiber optics, a concise reference text to dip into or a course text that is readable and straightforward, John Crisp has the solution.-Electronic Servicing & Technology...a must-have for systems designers, installation engineers, electronic engineers and anyone else who wants to gain a working knowledge of fiber optics with a minimum of maths.-Electronic Product News --This text refers to an out of print or unavailable edition of this title.

The best-selling introduction to the technology, design and installation of fiber optic cabling in communications applications

I recently purchased this book, "Fiber Optic Reference Guide" by Goff and "Understanding Fiber Optics" by Hecht. I knew nothing about fiber optics and had to get up to speed in a very tight time frame. This was my second favorite of the three, as it did a very good job of providing a basic explanation of the technology behind and implementation of fiber optics. This book was not bad in any way, there were merely some areas where Goff's book (which was the most useful of the three) were more up to date and the illustrations were more clear. Also, it did seem as if a few items within the book were a little dated.

Yes it is an excellent book for beginners

I'm an engineer becoming familiar with fiber optics. This book is very oriented towards the non-engineer. Much space is devoted to explanation of terms dB, and basic laws of physics. The issue of multimode vs single mode is handled too cavalierly. The reader is left faced with an undesirable trait of fibers without sufficient explanation of the eigen values or transmission theory. This is good starter book only.

This author has an excellent way of explaining complex topics. Very easy to read and very useful as background material for further study.

A very good book to start your education on Fiber Optics. It gives a very basic overview of Fiber Optics that should form an excellent background for further reading.

This is an excellent book for someone just starting off in the fiber optics industry. Everything is explained in a completely understandable way, with lots of examples and quizzes to test your

knowledge at the end of each chapter. I would especially recommend this for sales and marketing types who don't need to know as much as engineers, but need to be able to understand the basics.

I teach telecommunications and was looking for reference material. What I found was a book that will help me better explain complex concepts in terms anyone can understand. I already understood refraction, but Mr. Crisp even gave me new insight in that area. The book is dated, so don't expect to learn about PMD or DWDM, but as a basic tutorial to understanding the basic science behind fiber optics, you won't find clearer text. I should warn, that the math is pretty steep, but he still makes you understand the concept, if not the equations.

As a synthetic organic chemist with no previous knowledge of fiber optics, I found this book to be very readable and an excellent introduction to the subject. The author has a gift for explaining topics and concepts simply. I have read the book from start to finish in short periods over several weeks and followed it easily. The book is like a very interesting course and I would very much recommend it to anyone who requires or would like an introduction to fiber optics.

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