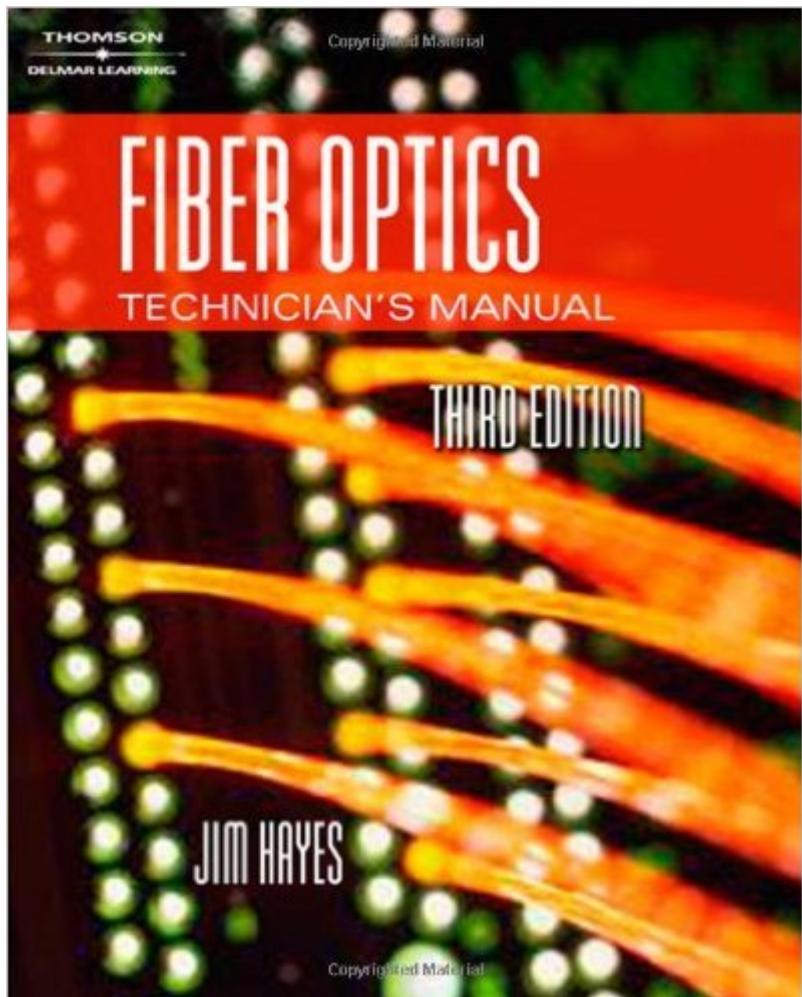


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# Fiber Optics Technician's Manual



## **Synopsis**

This newly updated edition reflects recent changes in fiber optic technology, marketing, and applications, including wider usage of Fiber To The Home (FTTH) applications and LANs (Local Area Networks). A practical guide for designers, installers, and troubleshooters of fiber optic cable plants and networks, this book provides a comprehensive overview of all aspects of fiber optics as used in communications systems, including telephone, CATV, and computers. Beginning with a brief history of the development of fiber optics, the third edition progresses from the basics of the technology and its components, to installation and testing.

## **Book Information**

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## **Customer Reviews**

Hi, I'm Jim Hayes, editor/author of The Fiber Optic Technicians Manual, with the third edition just released. I'd like to clear up the confusion created by Mr. Cooke. Delmar Learning, the publisher of the book, also offers two companion books, an Instructor's Guide that provides guidance to instructors using the book in their classes and a laboratory manual for guiding students through hands-on activities that develop skills in fiber optic installation. The Instructor's Guide has suggestions on how to structure classes using the book as well as answers to all the chapter exercises. The Lab Manual has step-by-step instructions on setting up and teaching labs in fiber optics. The instructor teaching a class with this book should have both manuals in addition to the textbook to teach a class. A reader interested in developing skills in fiber optic installation only needs the Lab Manual. We also offer complete instructor teaching packages based on the books

and self-study programs through VDV Academy [...]If you want to learn about fiber optics and how to design and install networks using fiber optics (or teach it), this is a book aimed directly at you.

Hayes provided much knowledgeable information on the history of Fiber Optics, technical specifications of strong importance to this modest society, review questioning or proven to be more likely on Certification Fiber Optics Technicians exam. There are a few diagrams and pictures to better understand the wiring of various Fiber Optics. The only downfall to me was not enough provided information on dbm and db how to calculations that has to be learned in class. But everything else is knowledgeable in the field of Fiber Optics Technician. This book helped me become a Certified Fiber Optics Technician on November 21, 2014 :)

This book is designed predominantly for folks who will be working with Multimode fiber and predominantly inside plant. It lacks significantly when it comes to outside plant work and single mode fiber. This book was written by Mr. Hayes with the focus on his FOA CFOT structure training and that is again predominantly focused on multimode cable and field terminations, rather than single mode.

Its a very good book, which starts reviewing from basics to intense data related to the topic of Fiber Optics. Basics are very important, its like the foundation of knowledge to me, like breakfast is the most important food of the whole day..I recommend this book.

I bought this book mostly for the basic information as a review. The book has been very helpful when any questions surrounding color codes and signal strength are involved.

I ordered the manual Fiber Optics Technician's Manual hoping that it would have new ideas and latest technology included and was disappointed in both departments. It covered fiber optics thoroughly up to the 1970/80's and for anyone that has been active in the field of fiber optics this is actually a waste of money. I passed it on to my employees hoping that at least they would find some benefit but short of just getting some more detailed information I seriously doubt whether they could benefit from this in the practical environment. To conclude this is a product for someone that is starting out on fiber optics and should be advertised as such.

This book is for beginners... Any technician who worked few months on fiber optic knows about

everything in that book. However, if someone never worked with fiber optic, this is a very good introduction... If the title was: "... an introduction..." I certainly rate this book 5 stars.

If your new to the business, or just want a refresher, who better than Jim Hayes to provide the material....he's the "Old Man" of the Fiber Optics field. This is a well-written manual that covers just about everything you need to know about fiber optics...history, nomenclature, splicing and terminating..it's all here. jtm

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