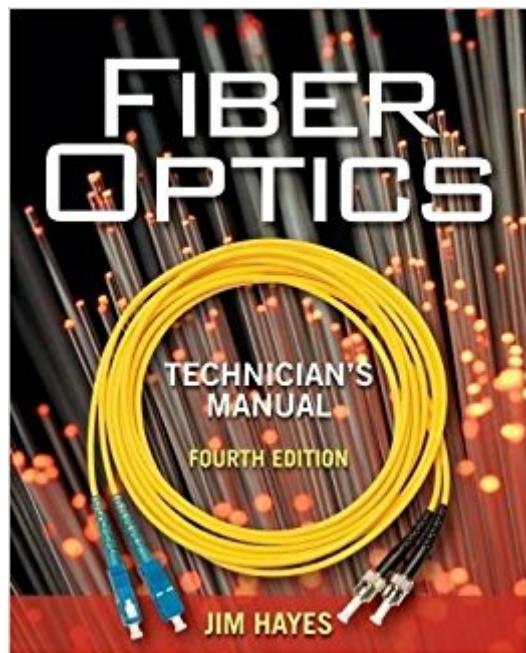


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# Fiber Optics Technician's Manual



## **Synopsis**

FIBER OPTICS TECHNICIAN'S MANUAL, 4E is the ideal practical guide for designers, installers, and troubleshooters of fiber optic cable plants and networks. It reflects recent changes in fiber optic technology, marketing, and applications, including wider usage of Fiber To The Home (FTTH) applications and Local Area Networks (LANs). This book begins with a brief history of the development of fiber optics and progresses from the basics of this technology and its components, to installation and testing. FIBER OPTICS TECHNICIAN'S MANUAL, 4E will provide readers with a comprehensive overview of all aspects of fiber optics as used in communications systems, including telephone, CATV, and computers.

## **Book Information**

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## **Customer Reviews**

1. Introduction. 2. History of FO Development. 3. Basics of FO. 4. Networks. 5. Cables. 6. Cable Specifications. 7. Connectors and Splices. 8. Fiber Optic Hardware. 9. Getting Started. 10. Guidelines for Fiber Optic Design and Installation. 11. Link Loss Budgets. 12. Safety issues. 13. Planning The Install. 14. Documentation. 15. Estimating and Bidding Networks. 16. Cable Installation. 17. Restoration. 18. Testing.

James Hayes is a founder of the Structured Cabling Association and President of The Fiber Optic Association, the professional society for fiber optics. He is also a partner in VDV Works, a company that provides technical support to the voice-data-video industry. Originally educated as a physicist

and astronomer at Vanderbilt University and The University of California at Santa Cruz, Mr. Hayes has been involved with the electronics and test instrumentation industry since 1968. For the last twenty-five years he has been involved with fiber optics and communications. A frequent lecturer on communications, he writes monthly columns for Electrical Contractor and TED (The Electrical Distributor) and is also the author of THE FIBER OPTIC TECHNICIANS MANUAL, and numerous articles on fiber optics and cabling.

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 : ) !

I Ordered the manual - A 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.

Great book for someone beginning in this field. I am a PM in fiber optic design and this is very helpful for me.

## GREAT PRODUCT

Answers have to be found everywhere in the book, having the answers would help if we choose correctly or not

Purchased this for my son's college course. Since the school couldn't provide it through their bookstore. Worked great for his class (and his new career).

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.

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.

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