



## Fiber Optic Installer's Field Manual, Second Edition (Electronics)

By Bob Chomycz

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**Fiber Optic Installer's Field Manual, Second Edition (Electronics)** By Bob Chomycz

### **A fully updated fiber optic cable installation guide**

Extensively revised to cover the latest technologies and equipment, this portable tool shows you how to plan, install, and maintain a robust fiber optic network to support today's high speed requirements. The emphasis is on practical, efficient installation techniques using current global industry standards. Detailed diagrams and step-by-step procedures walk you through the entire process. This completely up-to-date edition is an essential on-the-job reference.

### ***Fiber Optic Installer's Field Manual, Second Edition, covers:***

- Properties of light
- Optical fiber
- Fiber optic cables
- Fiber optic cable procurement
- Safety precautions
- Handling fiber optic cable
- Outdoor fiber optic cable installation
- Indoor cable installation
- Fiber optic cable general installation guide
- Splicing and termination
- Patch cords and connectors
- Optical fiber power loss and measurement
- The OTDR and OSA
- Fiber optic installation tests
- Transceivers such as SFP and XFP
- WDM and other passive optical equipment
- SONET/SDH
- Ethernet over fiber
- Fiber system deployment
- Maintenance
- Emergency cable repair
- Network documentation

- Troubleshooting
- Design fundamentals
- Personnel
- Dark fiber leasing
- Global standards reference tables

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## **Editorial Review**

About the Author

**Bob Chomycz** has more than 29 years of experience in the engineering, construction, management, and operations of telecommunication networks. He is the founder, president, and chief engineer of Telecom Engineering, Inc., which specializes in providing engineering designs, installation services, and products for fiber optic, wireless, and wired network solutions to global companies. Mr. Chomycz is the author of *Planning Fiber Optics Networks*.

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