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Professional Fiber Optic Installation: The Essentials For Success

Professional
Fiber Optic
Installation
-The Essentials For Success
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Eric R. Pearson
CFOS/C/S/T/I

Pearson Technologies Inc.
Acworth GA

Synopsis

This is a text for training in and field installation of fiber optic systems. It presents procedures for successful installation, inspection, and testing of cables, connectors, and splices. The principles and procedures are applicable to all data, telephone, CATV, CCTV, and process control systems. This text is an investment that pays back many times its price! Six words define the benefits of this text: Essentials, Principles, Methods, Procedures, Success, and Certification. Chapters 1-9 present the essential information the installer needs to be successful. This information includes the concepts, language and numbers with which the installer works. With this information, the installer understands the procedures, recognizes the significance of his actions, and avoids both errors and increased cost. Chapters 10-13 present the principles on which the installation procedures are based. With an understanding of these principles, the installer follows the procedures easily and is confident that the procedures lead to success. In addition, knowledge of the principles makes learning to work with new products fast and easy Chapters 14-20 present the principles and methods for OLTS, ORL, OTDR and dispersion testing; and VFL and microscopic inspection. With these principles and methods, the installer has the ability to verify successful installation. Chapters 21-26 present the procedures that successful professional installers follow. These procedures are ideal for field work, training, and refreshing the installer's memory. This author developed and refined these procedures from field work and from training more than 8400 people during the last 21 years. When followed, these procedures result in low loss, low cost, short installation time, and high reliability. Installation organizations may be able to use these written procedures for ISO certification. The detailed and extensively illustrated installation procedures are presented in a clear, concise, step-by-step, cook-book like, manner. Each procedure includes a troubleshooting section to assist the installer in solving problems. Finally, each procedure has a one page summary to guide the installer through the entire installation process. Installer certification results in increased fiber network reliability and, in some cases, increased income for the certified installer. The information in this text enables passing the Fiber Optic Association (FOA) certification examinations for: CFOT, CFxT, AFOT, CFOS/C, CFOS/T, and CFOS/S. In addition, the information in this text enables passing the certified fiber optic instructor examination (CFOS/I)! This text helps you join the more than 33,000 individuals already certified by the FOA. This comprehensive and highly useful text has 4 parts, 27 Chapters, 342 pages, 488 figures, 41 tables, and 407 review questions, 28 field procedures, and 33 training procedures. This text is based on 34 years of fiber optic experience. This text has had 17 years of development. This text is a valuable reference and an investment that pays back many times its price!

Book Information

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Customer Reviews

Eric R. Pearson is a recognized, industry expert in fiber optic communications. He has 34 years of experience in design, installation, testing, and training of fiber optic personnel. He is a BICSI Master Instructor, a Fiber Optic Association Master Instructor and a founder of the Fiber Optic Association (FOA). For 12 years, he was a Director and Vice President of Certification for the FOA. He has trained more than 8400 personnel in fiber optics. During the last 31 years, he has provided technical and marketing support to manufacturers, designers, installers, and attorneys.

A super reference for those who are or need to be engaged in the building or maintaining of fiber cabling and the products that make up a professional install. A lot of reference sto the reasoning behind why things are done and quick hints for the installer / designer to think about.

Very helpful

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