FIBER OPTIC CENTER INC.

23 Centre Street New Bedford, MA USA 02740-6322
Toll Free: 1-800-IS-FIBER • Tel: 508-992-6464 • Fax: 508-991-8876

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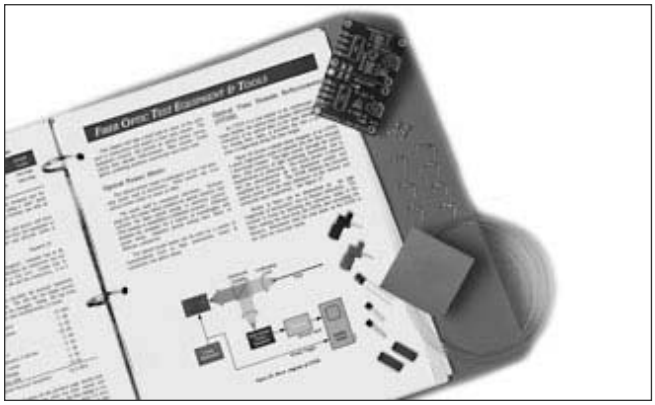
RECOGNIZED WORLD LEADER IN FIBER OPTIC TECHNOLOGY

QUALITY FIBER COMPONENTS, EQUIPMENT, & SUPPLIES

Product Data Sheet

Fiber Optic Courses



Intermediate Fiber Optic Classroom & Lab Course

An intermediate fiber optics curriculum, for vocational and trade schools, industrial arts and university levels. Courses can be tailored in length from 10 to 15 weeks. Recommended prerequisites: a basic understanding of electronics and mathematics. Course includes a text for classroom or lecture, lab course containing a comprehensive series of student experiments, and lab kit with all required components.

Part One of the classroom text places fiber optics into perspective as a transmission medium and describes its advantages over other media. Part Two examines fiber sources, detectors, and connectors, in contrast to the distinctly different characteristics of their electronic counterparts. Part Three explains in detail how fiber optic systems are designed and assembled. It covers link system design, installation, special fiber optic hardware, applications and equipment. (Hands-on experiments provided by Lab Course and Lab Kit.)

Fiber Optic Minicourse

A short course covering the basic concepts of fiber optic communications and industrial applications, intended as a supplement to other more general electronics classes. Class length is variable, to meet instructors' time constraints: five to 10 1-hour periods, plus two 2-hour experimental sessions.

The course begins with "The History of Fiber Optics," followed by sections describing fiber optic communications systems and their individual components. Also included are a list of additional reading references and a helpful fiber optic glossary. Experimental sessions involve students in assembling and testing a fully functional fiber optic digital communication link with separate transmitter and receiver modules.

Course comes complete with a full-color classroom manual and kit containing all required electronic components, including printed wiring boards, fiber optic LED, photodetector and cable. No prior fiber optics experience or special tools are needed for assembly and demonstration.

Industrial Fiber Optics

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Ordering Information

IF-SC10	Intermediate Fiber Optic Classroom & Lab Course
IF-SC10-INS	Instructor's Edition (Includes, in addition, answer guide, assortment of optical cable, image guides, LEDs and connectors)
IF-MC10	Fiber Optic Minicourse
IF-MC10-INS	Instructor's Edition (Includes, in addition, reference book, answer guide, overhead transparencies, assortment of optical cable, image guides, LEDs and connectors)