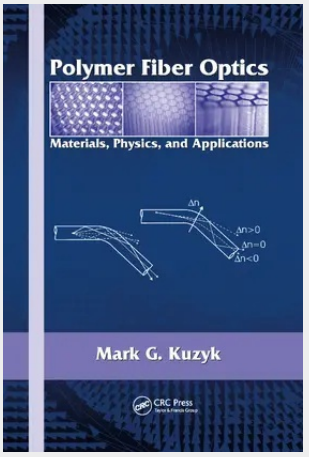
Kuzyk

Polymer Fiber Optics

This straightforward text examines the scientific principles, characterization techniques, and fabrication methods used to design and produce high quality optical fibers. Polymer Fiber Optics: Materials, Physics, and Applications focuses on the fundamental concepts that will continue to play a role in future research and applications. This book documents the underlying physics of polymer fibers, particularly aspects of light interaction, and details the practical considerations for a broad range of characterization techniques used to investigate new phenomena. The book presents basic fabrication techniques and protocols that will likely remain useful as new advances address specific processing challenges. The author presents a fresh approach to standard derivations, using numerous figures and diagrams to break down complex concepts and illustrate theoretical calculations. The final chapters draw attention to the latest directions in research and novel applications, including photomechanical actuation, electro-optic fibers, and smart materials.



224,50 €
209,81 € (zzgl. MwSt.)

Nicht mehr lieferbar

Artikelnummer: 9781574447064
Medium: Buch
ISBN: 978-1-57444-706-4
Verlag: CRC Press
Erscheinungstermin: 11.09.2006
Sprache(n): Englisch
Auflage: 1. Auflage 2006
Serie: Optical Science and Engineering
Produktform: Gebunden
Gewicht: 759 g
Seiten: 430
Format (B x H): 160 x 233 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)