

- Preface
- Optic fiber and light a brilliant combination
- What makes the light stay in the fiber?
- The choice of frequency
- Propagation of light along the fiber
- Decibels
- Losses in optic fibers
- Dispersion and our attempts to prevent it
- Real cables
- Connecting optic fibers the problems
- Fusion splicing
- Mechanical splices
- Connectors
- Couplers
- Light sources and detectors
- Testing a system
- System design or, will it work?
- The transmission of signals
- Designing an optical system and selecting components
- LANs and topology
- Some final thoughts
- Glossary
- Quiz time answers
- Index