

Basic Course in the Measurement of Fiber Optic Networks

This course covers both the theoretical and practical foundations necessary to independently make simple measurements using OTDR instruments and stabilized light source with power meters. Course participants learn to analyze various measurement graphs get a explanation of their appearance. You will also practice in troubleshooting networks. Troubleshooting fiber optic networks becomes an increasingly important part for the network owner as the network grows. During the course theory is interspersed with practical exercises.

Contents:

- Basic optical fiber optics
- Basic concepts and Optical fiber theory
- Measurement
- Optical fiber cables and connectors
- Practical measuring exercises with OTDR instruments
- Practical exercises with a stabilized light source and power measuring instruments
- Documentation of results

This course is for:

Personnel involved in installation, operation and maintenance of optical fiber installations and the participant should be able to perform simple measurements, maintenance and troubleshooting.

Course Objectives:

Those who completed this course should have sufficient knowledge of the most common fiber-optic measuring instruments and be able to cope with them. In addition, course participants will understand measurement graphs and documenting these.

Course duration:

2 days

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