Access network technologies and concepts (TK851)

Prerequisites

Participants must have some technical knowledge in telecommunications.

Targetgroups

Technician and engineers who are working in the access field. All Personnel that want to have an idea about technologies used in the access network.

Duration

3.0 days

Course content

Bandwidth demand

- DATA Services
- Voice services
- Problem of the copper wire

xDSL

- Concept and Principles
- Symmetrical technologies
- Asymmetrical technologies
- DSLAM concepts

FTTx Networks

- FTTx concept
- FTTx applications
- Network design and Implementation

Ethernet in the first Mile

Passive Optical Networks

- Passive Optical components
- APON/BPON Characteristics
- EPON Characteristics
- GPON Characteristics

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