CABLING & FIBRE OPTICS · POWER & TELECOM CABLES

Telecom & Outside Plant Cables

كابلات الاتصالات والشبكات الخارجية

2 days | Intermediate | In person · Live online | Arabic & English

Learn how telecom cables are built, laid and protected outside buildings. You will cover copper and fibre telecom cables, ducts, manholes and poles, aerial and underground installation, joints and closures, and the maintenance practices that keep the outside plant reliable.

WHO IT'S FOR

Telecom technicians, outside plant engineers, contractors and supervisors.

BEFORE YOU START

No formal prerequisites: bring curiosity and a willingness to practise.

WHAT YOU'LL LEARN

- Identify the copper and fibre telecom cables used outdoors.
- Plan routes using ducts, manholes and poles.
- Apply aerial and underground installation methods.
- Prepare joints and closures for outdoor use.
- Plan inspection and maintenance of the outside plant.

Training a team?
We run this course privately for organizations, on your dates, at your site or ours, and adapt the examples to your network and equipment.

COURSE OUTLINE

5 modules, 2 days

MODULE 01

Outside plant basics

- Network structure
- Copper and fibre telecom cables
- Environmental protection

MODULE 02

Routes and civil works

- Ducts and sub-ducts
- Manholes and handholes
- Poles and aerial routes

MODULE 03

Installation methods

- Cable pulling and blowing
- Aerial installation
- Underground installation

MODULE 04

Joints and closures

- Closure types
- Sealing and protection

MODULE 05

Operation and maintenance

- Inspection routines
- Fault location
- Records

ALSO IN POWER & TELECOM CABLES

Power Cables: Selection, Installation & Jointing

Enrol or ask a question

In person in Damascus · Live online · Private training for teams. Tell us your goals and we will send the dates, the fees and the right level for you.

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