

# FSP 3000 C OLS

3.5 days *remote or classroom* technical training  
requires min. Rel 4.2



High-power amplification and flexible multi-degree ROADMs are key to develop high-capacity core network infrastructure with minimum cost-per-bit. For this reason, our FSP 3000 C OLS offers advanced high-power EDFA and hybrid EDFA-RAMAN amplification options, with switched and variable gain, that enable operators to overcome long distances and multiple spans with ultra-high capacity wavelengths.

## Objective

A training course on FSP 3000 C open line system (OLS) with ROADMs.

The OLS features high power Optical Amplifiers EDFA (e.g. AM-S23L), hybrid EDFA-RAMAN amplifiers (e.g. AM-S23LR15) and ROADMs (e.g. RD-12RS or RD-32RS).

Active Channel Cards like *OpenFabric* modules or *TeraFlex Sleds* are typically used in this training.

This setup works as a stand-alone FSP 3000 C (Cloud Connect) system.

Working on a running system if remote training, setting up a system if at ADVA training facility.

**Note:** The course described here differs from our *FSP 3000 TeraFlex Training (2 days)* and also from *Installing – Operating FSP 3000 Cloud Connect Training (3 days)*, since it uses the latest ROADMs and amplifiers.

**Please, note:** the training will be provided using *GoToTraining* application or other tool – we will arrange a short test of the tool upfront the training – you will get invited for both – test and training session. For the practical exercises trainer will hand over keyboard and mouse to one student at a time for e.g. a configuration exercise.

*Note:* recording of the (remote) session is not permitted.

## Benefits & Audience

- Benefits: To achieve self-sufficiency at installation, configuration and maintenance of the ADTRAN FSP 3000C OLS solution
- Class size: 8 attendants maximum
- Certificate of attendance, no ACE exam available

# FSP 3000 C OLS

- Target audience: for students who need to get familiar with the ADTRAN FSP 3000C open line system (OLS) with ROADMs

## Prerequisites

**The attendees should have basic knowledge of WDM, OTN and TCP/IP protocols.**

Students can be enrolled to selected e-learning modules. The e-learning modules will be available for your reference also after the live training.

## Agenda

### Theory/Lecture

- System overview
- ADVA Licensing
- DCN Setup
- Introducing shelf types
- Introducing line cards
- Introducing passive filters
- Introducing amplifiers
- Introducing ROADMs

### Practice/Lab

- Introducing WebGUI
- Provisioning of Modules
- System Monitoring
- Software upgrade
- Firmware upgrade
- Maintenance & Troubleshooting

## Contact

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## Ordering Information

### Part Number

7082992001

7082993001

### Description

Per Enrollment (Student)

Per course