



FOA - CFOS/H

Certified Fibre Optic Specialist in FTTx

FOA CFOS/H certification covering FTTx cabling design and installation, which includes PON networks.

www.fibreplus.co.uk
tel. 01225 636041

Caithness House, Western Way
Melksham, Wiltshire, SN12 8DZ



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COURSE CONTENT

This is a specialist certification covering FTTx cabling design and installation, which includes PON networks.

Introduction to FTTx Networks

- Fibre Optic Basics
- Why and What is FTTx
- Options

Overview of FTTx Architectures - Including P2P and PON's

- Different FTTx Topologies
- Passive Optical Networks
- Active Ethernet RF Overlay
- Splitters

Standards

- Standards and Standards Groups

FTTx Installation Methods

- Fibre Specifications
- Cable and Connector Types
- Splice on Connectors
- Panels, Closure and Cabinets
- OLT's and ONT's

FTTx Testing (Including PON's)

- Testing FTTx Systems
- OTDR Testing
- Optical Loss Testing
- Maintenance and Restoration
- Fibre Identifiers
- Visual Light Sources
- Documentation
- Typical Faults

Exams & Assessment Methods

- Multiple Choice Exams
- Assessed Practical Exercises