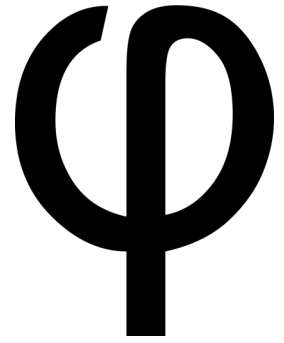


# Optical Network Training



Phibre is offering a portfolio of training in optical networks ranging from executive overviews through to practical courses.

## Optical Networks for Executives:

**Overview course:** the key elements of optical fibre networks including the benefits, costs, installation regulations and qualifications, safety matters and industry trends.

**Course objective** to upskill attendees to become confident working within telecommunications industry. This course offers a broad overview of optical fibres and networks, which provides a great foundation knowledge to anyone working in the industry. There is no pre-requisites needed to attend the course.

## Course details:

**Reference:**

EXEC

**Delegate number:**

10 (max)

**Duration:**

1 day

**Hours :**

9:30 - 4:30

## Course Contents:

- **Introduction:** Industry overview, bandwidth demands and common terms
- **Physics of optical fibres:** How and why optical fibres are used to carry the worlds information
- **Types of optical fibre and cable types:** Types of optical fibres that are available and where to use them in your network
- **Splicing and connectors:** Mechanical splicing, fusion, connector types
- **Optical fibre testing:** Optical fibre testing methods and results analysis
- **Passive optical components:** Outlines the components use to build a fibre network
- **Active components:** Discusses all the active components needed to operate a fibre network
- **Network configuration:** highlights the different network designs and where and when those designs would be used
- **Digital payloads types:** PDH, SDH, WAN, LAN, OTN, IP, ATM, Ethernet, Fibre channel
- **Future trend of optical fibres:** Overview of future trends in telecommunication networks
- **Laser eye safety:** Highlights the necessary care employees and employers need to take to ensure safety of staff and public.

## Who should attend

- Senior executives
- Project managers
- Engineers
- Sales & Marketing
- Technical staff

## How to Book

- [www.phibre.co.uk](http://www.phibre.co.uk)
- [harvypadda@phibre.co.uk](mailto:harvypadda@phibre.co.uk)

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**ΦPhibre**  
OPTICAL FIBRE EXPERTS