

Training Course Agenda

Fibre Optic Training Course

Agenda

In order to attend this course attendees must have attended the HellermannTyton practioner Category 5E & Category 6 course within the last 3 years. NB. Times may vary.

DAY ONE	
09:00	Registration opens – coffee & tea supplied
09:30	Course starts
10:30	Refreshment break (15 minutes)
12.15	Lunch (30 – 45 minutes)
14:30	Refreshment break (15 minutes)
16:30 / 17:00	Finish and departure
DAY TWO	
09:00 ~ 09:30	Course starts this is decided on day 1 based on location of attendees
10:30	Refreshment break (15 minutes)
12.15	Lunch (30 – 45 minutes)
14:30	Refreshment break (15 minutes)
15:30	Recap and cover any outstanding questions
15:45	Written test
16:30	Course concludes

Information

The 2 day course is split into two main areas theoretical sessions and practical sessions; these are combined in order to give a balanced learning experience over the two days. We ensure there is plenty of time spent in hands-on practical sessions.

During the theoretical sessions of the course the attendee's will cover main areas within the deployment, termination and testing of inside plant fibre networking infrastructure this includes (but not limited to):

- Introduction to fibre optics
- Standards
- Common configurations and topologies
- Different cable constructions
- Different types of connector
- Pre-terminated solutions
- Health and Safety considerations
- Installation practices
- Types of polishing and splicing
- Testing using various methods

In the practical sessions of the course the attendee's will work in our practical training area which enables each to work with fibre cables, learn to hand polish commonly used connectors, fusion splice cables and pigtails and then test them in various configurations.

As part of these sessions the trainer will, where appropriate offer suggestions and guidance on common issues found and how to prevent them as well as practically demonstrating how to carry out the different processes.

The links created will be connected in various configurations in order to allow testing with both Light Source and Power Meter (LS & PM) and Optical Time Domain Reflectometer (OTDR) to the relevant standards to ensure they meet the performance criteria. Time is also spent looking at ways to use the tester to help identify potential issues and how to rectify them.

Finally there is a written test on the topics covered during the day, which is designed to highlight and re-enforce key areas.

On successful completion of the course the attendee will receive a certificate and a *unique certified installer number which is required whenever applying for our extended warranty for fibre installations.

*If you have previously attended the Category 5E/ Category 6 practioner course the unique number will already have been issued.