

## HellermannTyton Practitioner Course Category 6A

In order to attend this course attendees must have attended the HellermannTyton practitioner Category 5E & Category 6 course within the last 3 years.

Times for the day: *times may vary but will be based on these*

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)

15:45 – written test

16:30/ 17:00 finish and departure

General Information: the 1 day course is split into two main sections a theoretical session followed by a practical session. During the theoretical part of the course the attendee's will cover main areas within the deployment and testing of Category 6A networking infrastructure these include (but not limited to)

- Specification Responsibilities
- Relevant standards and where these come from
- Why use 10GbE
- Shielded and Unshielded systems – which is best
- Alien Cross Talk – what is it, how do we test it,
- Shielded Systems practical considerations
- Power and data separation
- Installation practices and processes
- Measuring Cabling Performance
- Testing – what is different
- Mitigation techniques and requirements

In the second session of the course the attendee's work in our practical training area which enables each to terminate both our shielded (Deca<sup>10</sup>) and unshielded (GST) jacks. As part of this the trainer will demonstrate both terminations and be on hand to help as the attendees have a go for themselves.

The links will then be tested to the relevant standards and 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 with their certified installer number included this is required whenever applying for our extended warranty for category 6A installations.