

Category 6 Installation & Testing Course

Course Agenda:

- 09:00 - 09:30 Registration & Coffee
- 09:30 - 09:35 Introduction to the Category 6 course.
- 09:35 - 10:30 What is structured Cabling?

Areas covered

1. Features of Structured Cabling
2. Cabling Bodies
3. Current Cabling Categories
4. The Future of Structured cabling
5. Gigabit Ethernet.
6. Positive Channel PSACR @ 200MHz

10:30 - 10:45: Coffee break.

10:45 - 12:00: Measuring Cabling Performance

Areas Covered

1. The Permanent Link
2. The Channel
3. Electrical Parameters
4. NEXT
5. FEXT
6. Insertion Loss (Attenuation)
7. Return Loss
8. Balance
9. PSNEXT
10. ELFEXT
11. Signal & Skew
12. Cabling Standards
13. Tests Required

Practical Cabling Examples

Areas Covered

1. Cabling Direct or Indirect.
2. Installation Practices
3. Bend Radii

4. Cable Clamping
5. Horizontal Cable Management
6. Cable Restriction
7. Cabinet Cable Management
8. Patch Cord Management
9. Shielded Installations

How Do I install HellermannTyton Products?

Areas Covered

1. Correct Termination Methods on a range of HellermannTyton Products
2. Bad Installation Practices
3. Areas to be aware of when installing Structured Cabling

12:00 - 12:30 Test Paper

12:30 - 13:00 Lunch

(Buffet Style Lunch will be provided) This also provides time for you to go over any questions that you might have from the morning Session.

During Lunch Introduction into HellermannTyton
(Presentation by a member of the Sales team)

13:00 - 15:30 Practical Installation

Areas Covered

1. Category 6 Cable
2. Terminating Methods
3. Terminating Category 6 Links
4. Category 6 Testers
5. Testing Category 6 links (installed by pupils)
6. Testing Existing Links

15:30 - 15:45 Coffee Break

15:45 - 16:30 Testing Category 6 Installations

Areas covered

1. Analysing test results
2. Finding and Fixing Faults.
3. Course Conclusions, Questions & Answers.

Close.