

Suitability

This programme is suitable for participants with a no understanding of Data Cabling however a basic understanding of Audio Visual equipment Installation and signal distribution techniques in single dwelling properties. It is assumed that participants have practical experience in the installation of terrestrial and satellite antennas.

Content

- Health & Safety considerations
- To Understand Category Cable CAT 5ECAT 8
- Practical Terminate Category cables
- Practical Terminate Patch panels
- Practical Test patch cables and Patch panel Links
- Look at Network testing tools
- To Understand Structured Cable Best Practices
- Open Classroom Question and Answers Written on Board
- Interconnection of equipment within an Intranet
- Best practice explained
- Explain the various uses of Category Cabling

Learning Outcomes

At the conclusion of this programme participants will;

- Have an understanding of terminology involved with Structured Networks
- Easily terminate RJ45 connectors and Patch panels
- Understand restrictions of Structured Cabling
- How to test Structured Cabling terminations on a basic level
- Understand the Certification level of testing Structured Networks
- Understand the versatility of a Category cabling
- Understanding or alternative methods of Distributing Data around a building
- Basic Knowledge of Bandwidth restrictions
- Basic understanding of circumventing Category cable and Switch capability problems

Learning Style

This programme is classroom based by PowerPoint and contains a mix of practical demonstrations with hands-on learning exercises.

Aims

This programme delivers a basic understanding of Data Cabling, how to terminate cables and equipment within clients dwelling. They will learn about terminology involved with Structured cabling. Learn about the various types of Category Cable the various terminations.

Objectives

This 1-day programme will enable participants to deliver signal around the home via correctly terminated category cables.

Assessment Method

The assessment for this programme is by means of a multiple choice open book assessment paper with a pass mark of 70%.

Duration

This programme is run over 1-day

Programme Cost

Member Rate £215
Non Member Rate £340