

# Basic Home Networking & Connectivity

## Suitability

This programme is suitable for participants with a basic level understanding of electronics, frequency bandwidths and signal distribution techniques in single dwelling properties. It is assumed that participants have practical experience in the installation of terrestrial and satellite antennas as well as signal measurements parameters associated with both these areas.

## Aims

This programme delivers a basic understanding and insight into the various methods of home network distribution.

## Objectives

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

## Content

- Health & Safety considerations.
- An overview of simple home network methods.
- Terminology associated with home networking.
- Practical RJ45 connections.
- Multimedia over Coax Alliance (MoCA) demonstration.
- HDMI & HDBaseT distribution.
- Tools required.
- Interconnection to ancillary equipment.
- Best practice explained.

## Learning Outcomes

At the conclusion of this programme participants will;

- Have an understanding of structured cable distribution techniques.
- Be able to competently terminate RJ45 connections on category cables.
- Set up a HDMI point-to-point distribution network.

## Learning Style

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

## Assessment Method

The assessment for this programme is by means of a multiple choice open book assessment paper with a pass mark of 65%.

**Programme Duration**

This programme is run over 1 day.

**Costs**

Member rate £165

Non-Members £250