IRS Networks

Suitability

This programme is designed for participants who have prior experience in the installation of simple TV reception equipment (TV Aerial & Satellite) and who wish to update their knowledge of basic IRS techniques.

Content

- MATV basics
- SMATV basics
- IPTV basics
- Fibre requirements for IRS over Fibre
- Coaxial requirements for IRS over Coaxial Cable
- Copper signal level requirements
- Fibre budget calculations for IRS
- Impact of various elements to an IRS system
- 4G & 5G impact
- System design requirements copper
- System design requirements fibre
- Surge Protection
- LPS and Equipotential bonding
- 5 cable backbone legacy and Sky Q systems
- IRS cable layout concepts
- LNB types
- Hybrid IRS systems

Learning Outcomes

At the conclusion of this programme all participants will be able to conceive, plan, install and service a typical IRS for up to 100 locations to current best practice.

Aims

This programme delivers an overview of all aspects of TV and radio signal delivery via an IRS.

Objectives

This programme defines the basic principles of IRS and enables the participants to engage in team project planning. It is not necessary to bring tools.

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

Duration

This programme is run over 2-days

Programme Cost

Member Rate £420
Non Member Rate £660