



Televes - Basic Satellite and Terrestrial Installation Theory

Duration: 10am–12noon
Cost: This training is **FREE** to attend

Course Overview

The aim of this training is to give installers knowledge of how Terrestrial and Satellite works including small IRS and MATV Systems. The course will be based around the use of a Spectrum Analyser Meter and the new H30 Evolution Meter and H30 Flex Meter will be used.

Topics Covered

The RF Spectrum, TV Transmitters, Aerials and how they work, reception issues, the effects of LTE, Satellite Dishes & LNBS, reception issues, Sky Q, Planning Small Systems, Measurement Knowledge, Multiswitches, DSCR, using a Spectrum Analyser Meter. Some Outdoor Dish Alignment practical (weather permitting).

Who Should Attend?

Those entering the industry, Electricians wanting better knowledge, Company Trainees, Installers wanting more basic knowledge.

Televes - Part 1 - Basic Fibre Optics

Duration: 1:30pm–3pm
Cost: This training is **FREE** to attend

Course Overview

The training focuses on Fibre Optics basic Theory and Installation. Products review include - ODU's, Optical Splitters, Fibre Cable, GTU's etc.

Topics Covered

Fibre Optic Theory, Why use Fibre, How does it Work, What Kit is required, Planning Fibre Systems

Who Should Attend?

Installers who are starting to use Fibre, have never installed Fibre or just want more knowledge about Fibre.

Televes - Part 2 - Fibre Optics for Larger Systems with Multiple Services inc. Broadband

Duration: 3:30pm–5pm
Cost: This training is **FREE** to attend

Course Overview

The training focuses on the Installation of Fibre Optic TV Systems from 65 up to 32000 points with several satellites and Broadband included. Products reviewed include - EDFA Amplifiers, all Types of Optical Splitters, DWDM and CWDM Transmitters and Receivers, OLT's and ONT's.

Topics Covered

Optical Power Amplifiers (EDFA), Multiple Satellites over a single Fibre (WDM) with DWDM, CWDM and WDM Transmitters and Receivers, Delivery of Broadband to end users using OLT's, ONT's.

Who Should Attend?

Installers who are doing Fibre Optics work and wish to extend their capabilities and knowledge to source bigger customers using State of the Art Technology. Anyone wanting to plan and build Optical Systems to feed 65 points or over.