



## **Introduction to Communal Systems and IRS**

**Course duration:** 1.5 hour

**Course cost:** This course is **FREE** to attend

Designing a reliable satellite and Aerial system of any size requires understanding and planning and the bigger the system, the more chances there are for it to go wrong. With years of experience on our side, the Alltrade technical team plan and advise on communal and IRS systems daily, and with our help, you too could be taking on larger projects.

SkyQ has recently thrown new challenges at engineers. Whether you are upgrading existing systems or planning new ones, getting to grips with the technology is vital. The new dSCR switch technology can be confusing and requires an understanding of both signal and power requirements. From 75ohm termination to DC blocking, we will explain the benefits and the importance of fitting the correct equipment every time.

Topics that will be covered:

- Calculating signal loss
- Maximising the signal
- Correct amplification
- Taps or splitters
- What is a multiswitch
- Basic planning
- Technical specifications
- Sky Q™ requirements

This short course offers anyone looking to increase their understanding of larger coax based systems the opportunity to learn some of the basics.