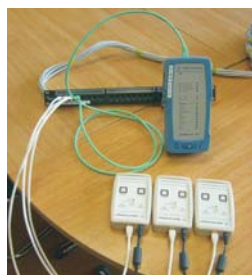


What a performance...

It's a tough time to be a copper data cabling engineer. Caught between premature supplier claims and customers' resulting expectations, but with the latest standards as yet unpublished there are more questions to deal with than reliable, definitive answers. Should it be Cat6, Cat6_A, Cat7, Cat7_A? shielded or unshielded? What balance should you recommend between predictability, performance, price, and interoperability? What about the complexity of installation and how should it be tested to be sure it will



meet the performance specified? Do you need to consider alien crosstalk mitigation techniques and alien crosstalk

testing regimes? Oh and is that channels or links we're talking? And will it all meet the standards when they are actually published anyway? It's enough to drive anyone to fibre!

Sympathy is all very well, but how can we help...? With so many issues and no accepted authoritative rules to follow, it is far more **important that you have sufficient knowledge to make your own independent decisions.**



Advanced Testing

All the issues related to testing are covered in detail on OTT's **2-day**

Advanced Copper

Datacoms Testing, which includes practical testing sessions using equipment from Agilent, Fluke and Ideal.

City & Guilds
3666
Internal Copper
10Gb/s Ethernet

For installation companies we offer a unique, **high performance version of the five day City & Guilds 3666-04** copper data cabling

programme that covers all of the issues involved with high performance cabling and uses a range of vendor's cabling products and test equipment.

Amongst training providers, OTT is uniquely well qualified to train you and your team in the latest cabling technologies. OTT have a direct involvement in the development of cabling standards, both in the UK and at International level and are up-to-date with what is going on. OTT is also vendor neutral so can cover the issues from a fair and balanced perspective without pushing any particular cabling solution or testing system. We are also training experts so can make complex cabling technologies approachable and understandable.

Fibre testing in flux?

Don't buy any multimode test equipment – until you've been on this course! The standards for the testing of multimode fibre optic cabling are changing, with new requirements for the source characteristics and test leads and important changes to the way that OTDR testing is carried out. Learn all about these new developments on the **Advanced Testing of fibre optic cabling for datacoms** course!

Advanced Testing

Now you can book & pay securely online



OTT's new secure online web payment option

is now live on the website enabling you to book and pay for public courses online using a credit or debit card. Company and custom courses can also be paid for using payment cards by contacting us directly. Our new service is provided by NetBanx an industry-leading provider of payment solutions, used by government bodies, universities, insurance companies as well as small businesses like OTT.



City & Guilds
3666
Comms Systems

How does that work then? Why do you do it like that?

With the move to Gigabit data rates radically changing the performance constraints of both copper twisted pair and fibre optic communications systems, is it time to ensure that your team really understands the basic principles behind cabling technologies? The City & Guilds 3666-01 unit covers

the principles of how communications systems operate, as well as the safety issues involved with installing cabling. It is often seen as an ideal induction course for new entrants to the industry but it can also be useful for old hands who are finding modern developments a challenge to deal with using their existing knowledge base. The safety section also helps candidates in preparing for their CSCS/ECS health and safety assessment.



Public Course dates



Principles of Comms Systems & Safe Working Practices (City & Guilds 3666-01)

26-28 March 2008, Skipton



Copper Cabling in an Internal Environment (City & Guilds 3666-04)

4-8 February 2008, Skipton

7-11 April 2008, Skipton

9-13 June 2008, Skipton



Fibre Optic Cabling in an Internal Environment (City & Guilds 3666-02)

11-15 February 2008, Skipton

10-14 March 2008, Skipton

14-18 April 2008, Skipton

21-25 April 2008, CRAWLEY



Advanced Testing of fibre Optic Cabling for Datacomms

28-29 April 2008, Skipton



Advanced Testing of Copper Cabling for Datacomms

30 April-1 May 2008, Skipton

Travel & local accomodation Information

If you are thinking about attending a course at OTT then you'll find lots of useful information on travel and accommodation options and anything else you might need under the **trainee assistance** section of our website. Just follow the link to 'local information' from our home page www.ott.co.uk



Company courses are also available

Our public courses are also available as company courses and we can run many of them for your organisation on your own premises. We can also customise them to a certain extent with additional emphasis on certain issues or applications, such as our 3666-04 for High Performance Systems or 3666-04 for Data Centres. See a couple of standard **examples below**.

We also offer 'bespoke' or customised courses designed to meet the exact training needs of a group from one organisation if for example you want to focus on a specific issue or specific makes of test equipment. So why not arrange to have one of our experts come to you.



High Performance Copper Cabling in an Internal Environment (City & Guilds 3666-04)

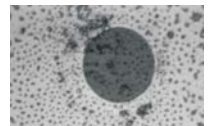


This special intensive fast-track course not only provides the knowledge and skills required to install, terminate and test unscreened and screened copper data cabling to support high data rate applications up to and including 10Gb/s Ethernet, but also covers the City & Guilds 3666-04 syllabus and includes the practical and theory assessments so that delegates also obtain this popular qualification. Delegates are expected to have some prior knowledge of communications principles and basic cabling tasks. Boost the skills of your test team and also gain them a recognised qualification too.



Fibre Optic Test & Maintenance in the Data Centre Environment

Developments in the **data centre environment** mean that cabling losses are now much more critical. It is important that circuits are professionally configured and tested in accordance with the latest test methods. This special one-day course provides the skills needed to handle fibre optics safely, configure channels professionally, maintain cabling infrastructure, test channels in accordance with current guidelines and troubleshoot circuits in the event of any problems. Delegates for the one-day programme are expected to have some experience of working with fibre optics, otherwise the course can be extended to cover basic technology issues also.



Should you be reading our Telecoms sector news?

Are you involved in long distance cabling? If you are then sign up for our telecoms newsletter. OTT have long been the acknowledged leaders in training for telecoms fibre optic networks and have recently launched a series of world-leading **certification programmes** for those of you working in this marketplace. Contact us for more details.

