

OTT Newsletter



Does your team need to install and test high performance copper cabling systems?



Following the publication in September of the 10GBaseT (IEEE 802.3an) standard for 10 Gigabit Ethernet over

twisted pair cabling, OTT have launched a special intensive fast-track course which 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.

A Commissioning Manager from Thales,



the first organisation to take a group course commented "I must say how excellent I thought the training and facilities were. The trainer taught and put the information across in an excellent and most professional manner, which was very much appreciated by us all."

Targeted at test engineer or supervisor level this intensive course

provides a deeper understanding of the issues, including the debate on screened or unscreened, latest developments in the standards, and the test parameters involved with Gigabit and 10Gigabit data rates over copper.

The course is available as a company course for small groups and delegates attending the course are



expected to have some prior knowledge of communications principles and basic cabling tasks.

So if you'd like to boost the skills of your test team, give them a vendor-independent perspective on approaches to 10Gb/s transmission over

copper cabling and also gain them a recognised qualification

too, then contact us now for full information at sales@ott.co.uk



Need an update on Fibre Optic test methods and standards?

Then attend our recently updated Advanced fibre datacomms testing course and gain the knowledge you need to decide the best solution!

OTT Training comes to London Docklands

OTT now have a training venue in the London Docklands, just a stones throw away from Telehouse. The venue is equipped with a state-of-the-art classroom and practical skills development areas, so that the full range of OTT's courses in fibre optics and communications cabling can be delivered, including the popular City & Guilds 3666 Certificate courses.

This new venue is in partnership with Repsole, who are setting up a specialist 'trade counter' to service the needs of the telecoms and data centre community in the area. In addition to providing

immediate access to vital essentials such as fibre optic patch cords and copper cabling components, the trade counter will also be managing the inventory of several major clients in the area and act as a centre for services including equipment hire (BER testers, fusion splicers, OTDRs), installation and testing services.

Simon North, MD of Repsole said "We see training as another of the services that we can bring to our customer base in the Docklands. OTT is the natural choice of training partner, we have had a long association with them and

know that they can deliver the highest levels of technical knowledge and training professionalism that our customers demand". The training centre will be up and running in time for a specially designed Data Centre cabling company course in the Autumn.



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www.ott.co.uk sales@ott.co.uk

providing expertise in fibre optics and communications cabling since 1989

October 2006 (Datacomms)

Optical Technology Training Ltd

Advanced Testing

So which fibre optic testing standard should you be testing to?



WARNING
Standards
ahead



NEW international standards have been published for the testing of fibre optic cabling for datacomms.

OTT have updated their Advanced Fibre Datacomms Testing (AFDT) course to address the implications of the new ISO/IEC 14763-3 and the draft IEC 61280-4-1 standards.

Delegates will learn about the new working practices and the new requirements for test equipment including controlling the modal power distribution when testing multimode links, the debate about mandrels, the use of reference



grade connectors on test leads and new test configurations.

The course will give trainees the

knowledge to understand the issues and to make informed and intelligent decisions about the test methods they choose.



These new standards have been driven by a requirement for more accurate and repeatable insertion loss tests in an environment where loss budgets are much tighter due to higher data rate applications such as 10Gb/s Ethernet.

The training course covers insertion loss testing, both with traditional light sources and power meters and also fibre attachments on cable testers. The complexities of dealing with small form factor connectors and duplex links are covered, as well as OTDR testing using the new generation of LAN OTDRs such as the JDSU MTS6000.

The course has been designed by Richard Ednay, the UK's designated Principal Expert on fibre testing, representing the UK on IEC SC86C WG1 and liaison officer between SC86C and ISO/IEC JTC1 SC25 WG3.

Are you special?

OTT regularly customises training programmes to meet specific customer needs. We offer courses on many unusual applications such as specialist military applications, harsh environment connectors, using fibre for ROVs, avionics, sensors etc. Often these involve a combination of consultancy and training so they tackle the particular issues relevant for you. Most courses can be run for groups of your staff on your own premises. We have run courses in many parts of the world and regularly welcome delegates from overseas. See www.ott.co.uk/courses/company for some examples.

Forthcoming public course dates

C&G 3666-01 Comms Principles

20-22 November @ Skipton

8-10 Jan 07 @ Skipton

C&G 3666-02 Internal Fibre

6-10 Nov @ Skipton

22-26 Jan 07 @ Skipton

C&G 3666-04 Internal Copper

13-17 Nov @ Skipton

15-19 Jan 07 @ Skipton

Advanced Copper Testing

20-21 Dec @ Skipton

Advanced Fibre Datacomms Testing

18-19 Dec @ Skipton

Involved in Telecoms?

WANs, MANs, datacentres, etc then ask for our telecoms newsletter and course dates or see our website: www.ott.co.uk

www.ott.co.uk

City & Guilds 3666 full award special deals

Did you know we offer simple "package prices" for delegates that wish to take the full **City & Guilds 3666 Certificate in Communications Cabling** with us. So prices for combined orders are:

- 3666-01+3666-04 @ Skipton £1,395.00+vat
- 3666-01+3666-02 or 03 @ Skipton £1,485.00+vat

and for simplicity if you've done any City & Guilds unit with us before then you can do the 3666-01 unit for just £525+vat.

The next 3666-01 course, Principles of Communications Systems, is on the **20-22 November** - so why not book your places now.



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