



ANSI/TIA/EIA-568-B, EN 50173-1 and ISO/IEC 11801 (2002)

COMPARING AND UNDERSTANDING THE STANDARDS

A 1-day intensive course with optional 12-month service pack

OBJECTIVE

...to understand the differences in philosophy and requirements of ANSI/TIA/EIA-568-B, EN 50173-1 and ISO/IEC 11801 (2002), in specific relation to cabling components, structure and acceptance testing of both balanced and optical fibre cabling infrastructures...

BACKGROUND

Specifiers and installers are frequently asked to provide cabling in accordance with one or more of the "new" standards - ANSI/TIA/EIA-568-B, EN 50173-1 and ISO/IEC 11801 (2002).

However, very few people have actually read and understood the contents of the standards so they can identify the differences between the standards and truly understand the meaning of "compliance" to each of them. The latter factor is particularly important within the legal framework of contract law where compliance is demanded within the tender documentation - a failure to understand the requirements is of little practical defence in such a situation.

This training course is product- and supplier-independent and is the most comprehensive review of all the above issues. It is targeted at specifiers and installers wishing to operate in a professional manner - knowing that they are working in accordance with the standards and, equally importantly, knowing why they are doing so.

SCHEDULE

There is no pre-defined schedule of dates on which the courses are delivered.

The course is generally delivered to clients on their own premises on dates that are convenient to them. The course can be delivered on any day of the week - even Saturdays and Sundays. Prices are shown below.

It is sometimes possible to find space on a course for third-parties. Prices are shown below.

5 CECs - RCDD

5 CECs - Installer



COSTS

On-site Training (UK)	Third-party per person	Service Packs
<p>Monday - Friday Sterling: £1150 plus £50 per person Euro: €1670 plus €75 per person</p> <p>Saturday - Sunday Sterling: £1350 plus £50 per person Euro: €1970 plus €75 per person</p>	<p>Sterling: £250.00 per person</p> <p>Euro: €950 per person</p>	<p>In addition to the training course, The Cabling Partnership offers a 12-month service pack agreement.</p> <p>The service pack provides details of all changes relevant to the training received. This takes the form of an e-Newsletter together with copies of all applicable documentation.</p> <p>Sterling: £75.00 per person Euro: €120 per person</p>
<p>On-site Training (outside the UK)</p> <p>Contact The Cabling Partnership for details</p>		

The above costs are subject to VAT where applicable.

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AGENDA

0930 hrs	An Introduction to Design Standards	1330 hrs	Difference Analysis
	Standards Development - ISO/IEC and EN Standards Development - TIA TR42.7 Generic Cabling Schematics Interconnects and Cross-connects Equipment Interfaces Cords Channels Application Mapping		Current Differences "Permanent" and Material Differences Link Definitions Balanced Cabling Channel Models Test Interfaces
		1430 hrs	Balanced Cabling
1030 hrs	Conformance to Standards		Class D (2002) Channel Class E Channel Class F Channel Harmonisation of Parameters Single Segment Cabling "Get-outs" Multi-segment Cabling Channel Creation Link Conformance Length-Dependent Link Parameters Routes to Channel Conformance
	Standards Frameworks The Meaning of Conformance Understanding Conformance Identification of Conformance		
1100 hrs	Break		
1115 hrs	Conformance to ANSI/TIA/EIA-568B		
	Structure Horizontal Cabling and Cabling Media Telecommunications Outlets and MUTOA Consolidation Points Horizontal/Backbone Cabling Implementation Cross-connect Design Grounding (Earthing) Acceptance Testing	1530 hrs	Break
		1545 hrs	Optical Fibre Cabling
1200 hrs	Conformance to ISO/IEC 11801 and EN 50173-1		Optical Fibre Components Channel Attenuation/Insertion Loss Application Mapping Link Attenuation/Insertion Loss Statistical Modelling Acceptance Testing Reference Implementations (EN 50173-1) Routes to Channel Conformance
	Structure Dimensions and Performance Connecting Hardware at the TO Other Connecting Hardware Channel Performance		
1230 hrs	Lunch	1700 hrs	Close

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You can reserve places on the courses listed below in the following ways:

- by faxing this page, complete with your requirements and contact details to +44 (0) 113 293 2632
- by telephone: +44 (0) 113 232 3721
- by e-mailing your requirements to The Cabling Partnership
 - automatically, by clicking on this hyperlink
 - manually, to mike.gilmore@btinternet.com

....what we need from you for on-site training

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RESERVATION FORM

On-site Training	Please supply your preferred dates	No. of places required			
		Service Pack required	YES	NO	

MY DETAILS

COMPANY NAME			
COMPANY ADDRESS			
	CITY		POST/ZIPCODE
TELEPHONE			
FAX			
RESERVATION MADE BY			
e-MAIL ADDRESS			
SIGNED			
DATED			