



## TELECOMMUNICATIONS CABLING INFRASTRUCTURES - INSTALLATION PRACTICE, INSPECTION AND ACCEPTANCE

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

### OBJECTIVE

...to understand the implications of the BS 6701 (2003) and BS EN 50174 standards with specific reference to installation practice, inspection and acceptance of both balanced and optical fibre cabling infrastructures...

### BACKGROUND

The publication of standards for the installation of telecommunications cabling (covering voice, data, image, video and much else besides) has created an environment in which virtually all aspects of installation planning and processes are the subject of either specific requirements or recommendations of best practice.

Installers and their supervisors need to be aware of these requirements to minimise complaints leading to re-work and potential litigation. Similarly, customers need to understand the rules against which installations should be judged to be compliant with tender specifications that demand the use of BS 6701 (2003) and BS EN 50174 standards.

This training course is product- and supplier-independent and is the most exhaustive and comprehensive review of all the above issues. It is targeted at installers and inspectors 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.

### COSTS

On-site Training (UK)	Third-party per person	Service Packs
<p><b>Monday - Friday</b> Sterling: £1150 plus £50 per person Euro: €1670 plus €75 per person</p> <p><b>Saturday - Sunday</b> 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><b>On-site Training (outside the UK)</b></p> <p>Contact The Cabling Partnership for details</p>		
<p>The above costs are subject to VAT where applicable.</p>		

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### AGENDA

0930 hrs	Introduction to the Standards	1330 hrs	Inspection Procedures
	BS 7671, BS 6701 (2003), BS EN 50174-x		Visual inspection vs. acceptance testing Requirements of the British Standards Development of Inspection Method Statements The use of photographic standards Scheduling of snagging reports
0945 hrs	Installation Planning		
	Pathways - accommodation and segregation of cables Pathways - risk analysis Storage - environment and component relaxation Batch records Labelling Safety		
		1430 hrs	Acceptance Testing of Balanced Cabling
1100 hrs	Break		568-B.1, BS EN 50173-1 or ISO/IEC 11801 Full or partial conformance Test leads and test system administration Test result management
1115 hrs	Cable Installation		
	Manufacturers instructions Bending radii and pulling loads Fixing and dressing	1515 hrs	Break
		1530 hrs	Acceptance Testing of Optical Fibre Cabling
1145 hrs	Cable Termination		Test limits Test system selection Safety Test methods - LSPM and OTDR Detailed test methodology Test leads and test system administration Test result management
	Balanced cable - sheath removal, pair untwist, pair selection  Optical fibre - direct termination, fusion splicing and pre-termination - management within closures		
1230 hrs	Lunch	1700 hrs	Close



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....how to book?

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](mailto:mike.gilmore@btinternet.com)

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

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RESERVATION FORM

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

MY DETAILS

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