

# Day 1: The structured copper cabling system

9:00 am

Welcome / Opening Session / Presentation course.

9.15 am

- The concept of the structured cabling system
- The rules of the structured cabling system
- Structure of the Cabling System
- Common topologies
- Interfaces with the cabling system and components of the structured cabling system
- How to choose copper solutions
- Copper cables
- Plugs, modules and accessories
- Connection methodologies
- Connector Technology: IDC/110 and fast terminations
- Electromagnetic Compatibility
- Grounding and equipotential earthing wiring safeguard

# II.15 am • Coffe break

- Criteria for the design and installation
- Distances and Applications
- Interface with the public network
- Management of the cabling system
- Certification and testing of copper solutions

12.45 pm

## Lunch

14.15 pm

Practical connection tests

Conclusions

- Termination demonstrations and trials
- Realization of Cat.5e/6/6A links
- Certification Procedures and tests
- Demo field- tester for the certification of the link and parameters to measure, store and print
- Non-compliance monitoring and resolution
- Forms to be added to the declaration of conformity

17.30 pm

Accredited Installer training course program



# Day 2: The Fiber Optic structured cabling system

9:00 am

- Welcome / Opening Session
- 9.15 am
- Definitions and optical technology
  - System Components
  - Optical Cables
  - Optical Connection system
  - Workstations
  - Connection methodologies of optical fibers
  - Structure of a fiber optic cabling
  - Distances
  - Applications

#### 11.15 am

### Coffe break

- Test of a fiber optic system
- Physical characteristics
- Possible links
- Standards
- Warranty and certification
- Maintenance and enlargement

## 12.45 pm

### Lunch

#### 14.15 pm

- Practical connection tests
- Demo fiber optic cable termination
- Realization of links with multimode fiber
- Certification Procedures and tests
- Demo field tester for fiber certification
- Parameters to measure, store and print
- Non-compliance monitoring and resolution
- Forms to be added to the declaration of conformity
- Final test examination
- 17.30 pm Conclusions