



Learn how to design a Belden IBDN Structured Cabling System.

This 2-day course provides the unpinning knowledge to enable delegates to design a Belden Cabling System whilst gaining an understanding of the latest standards and related planning procedures associated with the installation of the system.

### Course Overview

- Belden CDT company overview
- Structured cabling history
- Standards overview
- Belden IBDN Systems & products:
  - GigaFlex cable: 1200, 2400, & 4800LX
  - Bonded pair cable: DataTwist 350, MediaTwist, DataTwist 600e
  - GigaBIX & FiberExpress Solutions
- Certification overview
- Installation preambles for Belden IBDN Systems
- Work area products installation:
  - GigaFlex modules, face plates & workstation outlets
    - BIX & GigaBIX solutions:
    - IDC system installation
    - Wall-mount, rack mount patch panel system installation
- Modular jack & patch cord system
- High density PS5E/PS6+ patch panel system
- PS5E patch box & multi-user box
- PS5E DVO outlets, MDVO adapters & EZ-MDVO modules
- Optical fiber overview
  - Belden IBDN FiberExpress Systems & products
  - Products overview
  - Fiber termination
  - (1U/2U), (3U) & (4U) patch panel installation
- OPTIMAX field installable connector (ST, SC, LC)
- Breakout kit installation
- 10GX solution overview
- Reference materials

### Qualification

**Who should attend**  
Architects, Designers, Networking Consultants.

**Related Training**  
IBDN 700 (Installation)  
IBDN 202 (Site & System Audit)

**Course objectives**  
To provide participants with a full understanding of the design of a Belden IBDN structured cabling system.

**Prerequisites**  
None.

**Course Location**  
Temple, Dublin