

## Belden IBDN Training

### Course Descriptions

#### Belden IBDN 727

##### Belden IBDN End-to-End Installation and Testing — Copper Media

(2 days)

#### Who Should Attend:

Belden Channel Partners or Employees

Contractors, technicians, supervisors, engineers and designers

#### Course Benefits:

Learn detailed installation methods of key copper Belden IBDN System components.

Learn appropriate methods and procedures of testing copper Belden IBDN Systems.

#### What Will Be Covered:

- Review Belden IBDN Systems and key copper components
- Basic balanced twisted-pair transmission and performance theories
- Installation practice reviews
- Installation and testing of end-to-end systems
- In detail, installation methods of:
  - Copper Belden IBDN Systems components,
  - Belden IBDN 1200, 2400 and 4800LX Systems including:
    - GigaFlex Cable: 1200, 2400 and 4800LX,
    - Bonded-Pair Cable: DataTwist 350, MediaTwist, DataTwist 600e
- Learn testing methods of Belden IBDN Systems and how to troubleshoot typical problems
- Understand the correlation between:
  - Basic theories of end-to-end system transmission,
  - Component and system installation practices,
  - Test results and system performances
- 10GX Solution Overview
- 90% In-Class Exercises

**Prerequisite:** None

**Written Exam:** Yes

**BICSI CECs:** RCDD (14),  
INS, Level 2/Technician (14)

#### Belden IBDN 747

##### Belden IBDN End-to-End Installation and Testing — Optical Fiber Media

(2 days)

#### Who Should Attend:

Belden Channel Partners or Employees

Contractors, technicians, supervisors, engineers and designers

#### Course Benefits:

Learn detailed installation methods of key Belden IBDN FiberExpress System components.

Learn appropriate methods and procedures of testing Belden IBDN FiberExpress Systems.

#### What Will Be Covered:

- Review Belden IBDN FiberExpress Systems and key fiber components
- Basic optical fiber transmission and performance theories
- Installation practice reviews
- Installation and testing of end-to-end systems
- In detail, installation methods of:
  - Belden IBDN FiberExpress System components,
  - Belden IBDN FiberExpress Systems including: Multimode (FX300, FX600 and FX2000) and Single-mode systems
- Learn testing methods of Belden IBDN Systems and how to troubleshoot typical problems
- Understand the correlation between:
  - Basic theories of end-to-end system transmission,
  - Component and system installation practices,
  - Test results and system performances
- 90% In-Class Exercises

**Prerequisite:** None

**Written Exam:** Yes

**BICSI CECs:** RCDD (14),  
INS, Level 2/Technician (14)

