

## IBDN 747 COURSE

### IBDN End-to-End Installation and Testing – Optical Fiber Media (2 days)

**Who Should Attend?**

Belden's Partners or Employees Contractors, technicians, supervisors, engineers and designers

**Course Benefits:**

Learn detailed installation methods of key IBDN FiberExpress System components.  
Learn appropriate methods and procedures of testing IBDN FiberExpress Systems.

**What you will cover:**

- Review 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:  
IBDN FiberExpress System components:
  - FiberExpress, FiberExpress Manager and FiberExpress Ultra
  - BRILLIANCE Field Installable Connector
  - OPTIMAX Field Installable Connector
  - Fiber Termination, 1U & 4U Patch Panels Installations
  - Breakout Kit Installation
- IBDN FiberExpress Systems including:  
Multimode (OM1-FX300, OM2-FX600 and OM3-FX2000) and Singlemode (OS2) systems
- Learn testing methods of 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:** No

**Written Exam:** Yes

**BICSI CEC Credits:**

R C D D	N T S	O S P	W D	Installer	Tech	Certified Trainer
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**What is the goal of the IBDN Training Center?**

To ensure solid and optimal network performance, a cabling system supplier should be evaluated on the following criteria:

- Credibility/Industry Standing
- System Offerings
- Customer Care
- Business Partners
- Warranty Program

Through the IBDN Training Center, Belden ensures that our students and Business Partners put forward a consistent representation of IBDN Systems, products and installation standards, with the goal of optimizing network performance.

**General Information**

- Our courses are recognized by BICSI and earn BICSI Continuing Education Credits (CECs).
- Our courses qualify students by giving them a professional recognition that may accelerate their career advancement.
- In addition to the cabling contractor community, our courses are recognized and valued by end-customers, architects, engineers and consultants as well. If you need to increase your Knowledge of structured cabling systems, the IBDN Training Center is an excellent training investment.
- Our course content is offered in many different languages including English, French, Japanese, Spanish, Mandarin and Cantonese.
- Refresher courses for pre-qualified students are also available.
- Special rates and group discounts are available.
- Fees include a Certificate of Completion for selected courses, continental breakfast, coffee breaks and course materials.

**For On-Line Training click here:**

<https://belden.vivadminsys.com/courses>

**For information on course fees, dates and locations, please refer to our web site:**

[www.Belden.com/ibdntesting](http://www.Belden.com/ibdntesting)

**Or contact us at: [IBDN.training@Belden.com](mailto:IBDN.training@Belden.com)  
1.800.262.9334 #3**