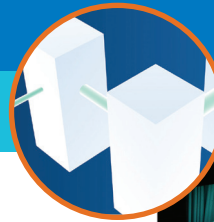


PRODUCT SOLUTIONS BRIEF  
**BELDEN**

**DATA CENTER NETWORK MIGRATION**



Through our strong global partnerships and alliances with manufacturers such as Belden, we are able to present you with the following offering to meet your specific data center requirements.

**FiberExpress® Ultra High-Density System**

Belden’s FiberExpress Ultra High-Density System is designed for fast, easy deployment of high-density interconnects and cross-connects in data centers and LANs. The FiberExpress Ultra High-Density System provides superior port access and protection with up to double the density of comparable units to provide a 50 percent space reduction.

**CHALLENGE SOLVERS**

- Whether in a top-of-rack (ToR), end-of-row (EoR), middle-of-row (MoR) or centralized environment, the intuitive, modular design means fewer components and a single system to support a variety of port counts and configurations.
- FiberExpress Ultra High-Density System offers cost-effective migration from current 1G and 10G to 40G and 100G applications with only a simple cassette or adapter frame change.
- The 19” 1U FiberExpress Ultra High-Density System fixed shelf supports 72 LC duplex connectors (144 fibers) or 72 MPO connections. The 4U supports 180 LC duplex connections (360 fibers) or 180 MPO connections.

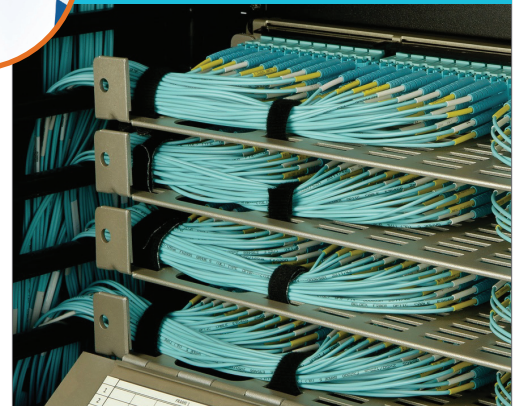
**THE ANIXTER APPROACH**

- **Network flexibility**  
Apply designs to accommodate your performance requirements and highly scalable network architecture demands.
- **Cabling topology**  
Determine the right choice for your computing requirements with careful consideration for end-of-row, middle-of-row, top-of-rack or centralized cabling architectures.
- **Density demands**  
Deploy scalable designs that accommodate for uncertain density requirements.

**THE BELDEN SOLUTION**

HOUSING SIZES	CASSETTE TYPE	FRAME TYPE
1U 2U 4U	LC SC ST MPO	OM1 OM3 OM4

[anixter.com/shopbelden](http://anixter.com/shopbelden)



Up to 72 LC Duplex ports per 1RU of space



**WHAT WE HEAR**

Challenges from various data center stakeholders:



**AMORTIZATION** of cabling investment



Infrastructure **COMPLEXITY**



Restrictions of **LEGACY SYSTEMS**



**SPEED** of deployment



Pace of **INNOVATION**, adoption

**Infrastructure as a Platform**  
by Anixter

Infrastructure as a Platform by Anixter offers a standards-based, physical layer approach that provides a foundation to meet the high-performance computing demands of your data center.

## CONFIGURE

We help you discover and map your specific needs to the best solution.

- Combine fiber, copper and multimedia connectivity
- Cassette fiber type, port count, connectors, polarity and color
- Field-terminated frame fiber type, port count, connector and color
- Regular, angled or spliced cassette styles

## BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Fiber and copper connectivity
- Cable and airflow management
- Intelligent cabinet PDUs
- Aisle and cabinet security

## DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labeling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

### FIBEREXPRESS FEATURES

#### ACHIEVE COMPLIANCE

- Support for preterminated and field-termination
- Configurable with LC, SC, ST and MPO modules
- Simple upgrade path to SR4 (40G/100G) protocols
- Combines fiber, copper and multimedia connectivity in same RU

#### FLEXIBLE TECHNOLOGY

- 1U, 2U and 4U form factors
- 19-in. and 23-in. rack-mount options
- Double the density of comparable units
- Up to 72 LC duplex ports per 1U



KeyConnect support optimizes space in mixed media environments

 **FOR MORE DETAILS VISIT [ANIXTER.COM/SHOPBELDEN](http://ANIXTER.COM/SHOPBELDEN)**

**About Anixter:** [anixter.com/aboutus](http://anixter.com/aboutus)  
**Legal Statement:** [anixter.com/legalstatement](http://anixter.com/legalstatement)

For over 30 years, Anixter has been the leading global, value-added distributor of physical layer communication infrastructure solutions for office, building and campus environments. As experts in large-scale project execution, we are a trusted supplier to leading communication integrator companies and have worked with many Fortune 500 companies.

1.800.ANIXTER | [anixter.com](http://anixter.com)

