

PRODUCT SOLUTIONS BRIEF
BELDEN

DATA CENTRE 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 centre 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 centres 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 centralised 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 fibres) or 72 MPO connections. The 4U supports 180 LC duplex connections (360 fibres) or 180 MPO connections.

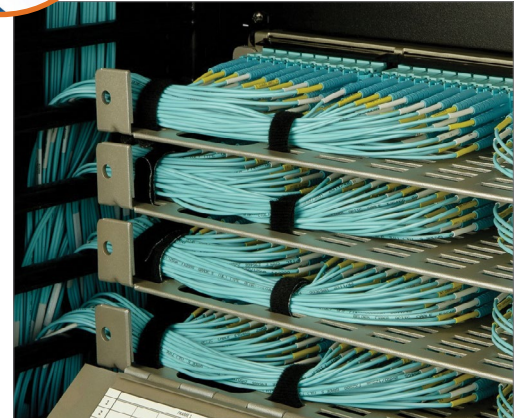
THE ANIXTER APPROACH

- **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 centralised 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

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Up to 72 LC Duplex ports per 1RU of space



WHAT WE HEAR

Challenges from various data centre stakeholders:



AMORTISATION 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 centre.

CONFIGURE

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

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

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Fibre 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 labelling
- 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 fibre, 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 optimises space in mixed media environments

> FOR MORE DETAILS VISIT [ANIXTER.COM/SHOPBELDEN/APAC](https://www.anixter.com/shopbelden/apac)

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At Anixter, we enable the connected world. By building, connecting, protecting and powering valuable assets and critical infrastructures, we help to sustain and grow businesses and communities worldwide. We accomplish this by offering full-line solutions, technical intelligence, supply chain expertise and an unmatched global distribution network.

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