

PRODUCT SOLUTIONS BRIEF
BELDEN

MICRO 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.

10GX System

Belden's 10GX System is an advanced end-to-end UTP structured cabling system designed with dynamic enabling technologies to support the need for greater bandwidth as voice, data and video networks converge onto a single infrastructure. Combined with a host of patch panels, assemblies, connectors and accessories, as well as pre-terminated cabling, the 10GX System is an ideal structured cabling system to support bandwidth-intensive applications.

CHALLENGE SOLVERS

- High-performance and small bend radius cabling provides flexibility in network design, allowing for cost-effective 4-pair cable to handle high-bandwidth demands and Power over Ethernet (PoE).
- The system supports wireless mobility and, when used with REVConnect, can seamlessly switch between jack and plug as needed.
- 10GXS smaller OD takes 25 percent less space and is 25 percent lighter than other Category 6A cables.
- 10GX 4-pair cabling allows for easy convergence of applications and makes monitoring and management accessible online.

THE ANIXTER APPROACH

- **Network flexibility**
Apply designs to accommodate your performance requirements and highly scalable network architecture demands.
- **Media selection**
Choose the appropriate cabling media from twisted pair, optical fiber and direct attached to address high-speed bandwidth requirements.
- **Density demands**
Deploy scalable designs that accommodate for uncertain density requirements.

THE BELDEN SOLUTION

CABLING TYPE	SHIELDING	RATING
10GX 10GXS Pre-terminated	UTP F/UTP	CMP CMR

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Belden's 10GXS cables offer the smallest diameter and outstanding mechanical and electrical characteristics



WHAT WE HEAR

Data center stakeholders are dealing with a variety of challenges:



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.

- REVConnect jacks
- Patch panel requirements
- Cable jacket type
- Cable jacket color

BUNDLE

Your validated, preconfigured solutions are packaged and site-ready.

- Jacks
- Patch cords
- Patch panels
- Field-mount plugs

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

BELDEN 10GX SYSTEM FEATURES

✓ NETWORK FLEXIBILITY

- High performance with no compromise on channel length for PoE
- Reduces heat transfer with EquiBlock™ Barrier Technology
- Energy efficient with less risk of system slowdown through 100W
- Backward compatible with Category 6 and Category 5e components

✓ DENSITY DEMANDS

- EquiSpline™ ensures structural integrity and maintains distance between pairs
- Smaller bend radius accommodates tighter spaces and workstations
- Delivers 10G/s and 100W PoE over a full 100 meter length
- Guaranteed electrical performance that goes well beyond Category 6A



10GXS smaller OD takes 25 percent less space and is 25 percent lighter than other Category 6A cables

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

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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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