

PRODUCT SOLUTIONS BRIEF
BERK-TEK

DATA CENTER NETWORK MIGRATION



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

Berk-Tek Transceivers

Berk-Tek's complete line of optical transceivers is now available in a variety of form factors and transmission speeds, including 1 Gb, 10 Gb, 40 Gb, 7 Gb FC and 16 Gb FC, and is compatible with all major equipment manufacturers. Using Berk-Tek's 40Gbps transceivers paired with GIGAlite™-10XB glass, you are guaranteed enough power budget to support a link distance of up to 500 meters.

CHALLENGE SOLVERS

- For 40 Gbps links, Berk-Tek guarantees an additional 150 meters in length versus standard-compliant solutions, increasing the flexibility and scalability of your network.
- The entire link from transceiver to transceiver is warranted by Berk-Tek when transceivers are connected using GIGAlite fiber, which streamlines maintenance requests.
- Berk-Tek's transceivers offer 100 percent compatibility with major brands, which helps to simplify network complexity.

THE ANIXTER APPROACH

High-Performance Structured Cabling

• **Media selection**

Choose the appropriate cabling media from twisted-pair, optical fiber and direct attached to address high-speed bandwidth requirements.

THE BERK-TEK SOLUTION

TRANSCEIVER SPEED	TRANSCEIVER TYPE	FORM FACTOR
1 Gb 10 Gb 40 Gb 8 and 16 Gb FC	SX and LX SR and LR SR4, SR4+, LR SW and LW	SFP SFP+ QSFP+

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End-to-end connection. Guaranteed.



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.

- Speed
- Type
- Form factor
- Switch manufacturer

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- GIGAlite-10XB fiber
- Preterminated assemblies
- Racks and cabinets
- Network testing equipment

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

BERK-TEK TRANSCEIVER FEATURES

✓ IMPROVES NETWORK PERFORMANCE

- Designed to optical transceiver MSA industry standards
- Guaranteed extended distance or connectivity (500 m with 40G-SR4)

✓ SIMPLIFIES NETWORK INFRASTRUCTURE

- Available in a variety of form factors: SFP, SFP+ and QSFP+
- 100 percent OEM compatibility for a true plug-and-play solution



Available in a variety of form factors and transmission speeds

> FOR MORE DETAILS VISIT ANIXTER.COM/SHOPBERKTEK

About Anixter: anixter.com/aboutus
Legal Statement: 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.

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