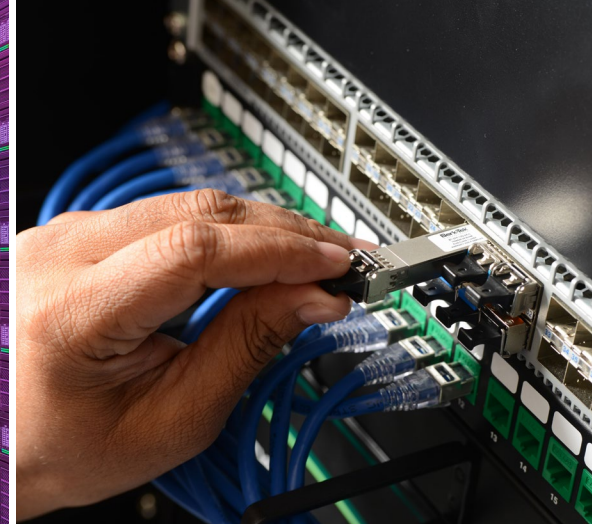


OWN THE
LINK

A Revolution in Network Infrastructure Solutions

Berk-Tek[®]
A NEXANS COMPANY



BERK-TEK TRANSCEIVERS: OWN THE LINK. SEE THE DIFFERENCE.

CONSISTENT, RELIABLE SUPPORT

Traditionally, transceivers have been purchased from equipment manufacturers. But since a transceiver's performance has more to do with the cabling than the equipment, shouldn't the cable and transceivers be specified together? This simplifies the supply and maintenance of the entire link.

No more calling the switch or server manufacturers if you need support; simply call 1-800-BERK-TEK, and we will take care of everything. With Berk-Tek transceivers, you can own the entire link.

MAXIMUM FLEXIBILITY & SCALABILITY

Ever-increasing bandwidth demand is driving changes to your network and data center. Rest assured that in the coming years, you will need more servers, more switches, and more storage capacity connected at higher data rates.

Using Berk-Tek's 40Gbps transceivers paired with our GIGAlite™-10XB glass, we guarantee enough power budget to support a link distance of up to 500 meters. Standard compliant solutions offer only 150 meters. Of course, you can trade off distance for more connections, but you have the flexibility to scale your network and data center to whatever your current and future needs require.

WHY BERK-TEK TRANSCEIVERS?

- **Support: Call 1-800-BERK-TEK**
- **Longer Reach + More Connections**
- **A Trusted Partner**
- **Backed by a 5-Year Warranty***





Berk-Tek's Power Budget Calculator puts Layer 1 performance in the hands of the people who are most familiar with it. **Download the Berk-Tek Power Budget Calculator at www.berktektransceivers.com.**

A PARTNERSHIP BUILT ON TRUST

Berk-Tek is a company you know and trust. We have been manufacturing high-performing cabling products since 1961, and have been a partner in network communication solutions since 1985.

There are many companies that will sell you a transceiver, but only one company that is backed by decades of proven quality, industry-leading technical expertise, and unmatched customer service. Only one line of transceivers provides you with the assurance, trust and value that the Berk-Tek name represents.

*For full warranty information, please visit www.berktektransceivers.com.

THE POWER BUDGET CALCULATOR






The Power Budget Calculator takes the complex interactions of the various contributors to link performance and puts them into a simple-to-use calculator to allow the user (or specifier) to design a link that works best. This becomes especially important as data rates increase and power budgets become more restricted.

For many years, users have been taking advantage of "Engineered Links" in order to provide connectivity between devices in a network. An Engineered Link is one where some attribute is specified to be better than the minimum compliance value, resulting in improved performance.

Berk-Tek GIGAlite-10XB is a great example of this. The experts at the TEK Center defined a set of parameters for the optical fiber to provide extended reach, and/or additional connection points, to facilitate migration paths to higher data rates.

Now, the TEK Center experts are applying that same knowledge to transceiver performance. By combining the enhanced performance of the optical fiber with associated transceiver specifications, a significantly improved link can now be designed.

PRODUCT FAMILIES

1Gb	10Gb	40Gb	8Gb FC	16Gb FC
				
FORM FACTOR	FORM FACTOR	FORM FACTOR	FORM FACTOR	FORM FACTOR
SFP	SFP+	QSFP+	SFP+	SFP+
TYPE	TYPE	TYPE	TYPE	TYPE
SX/LX	SR/LR	SR4/SR4+/LR4	SW/SW+/LW	SW/SW+
SYSTEM COMPATIBILITY	SYSTEM COMPATIBILITY	SYSTEM COMPATIBILITY	SYSTEM COMPATIBILITY	SYSTEM COMPATIBILITY
Compatible with all major equipment manufacturers.	Compatible with all major equipment manufacturers.	Compatible with all major equipment manufacturers.	Compatible with all major equipment manufacturers.	Compatible with all major equipment manufacturers.

For more information or to place an order for Berk-Tek Transceivers, call **1-800-BERK-TEK** or visit www.berktektransceivers.com

Compatibility Assured by



ProLabs is the leading global independent provider of OEM Compatible networking solutions, shipping four million units over ten years and building a vast knowledgebase in developing and testing transceiver products for compatibility with >40 switch vendors. All products are 100% OEM Compatible and are deployed in some of the largest, most critical networks ranging from Service Providers to Data Centers and Enterprise environments.

Berk-Tek[®]
A NEXANS COMPANY

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