

PRODUCT SOLUTIONS BRIEF
BERK-TEK

COMMERCIAL BUILDING NETWORK PERFORMANCE



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 commercial building requirements.

LANmark™-XTP Cable

Berk-Tek's LANmark-XTP features a diameter of 0.27 in., allowing easier, more efficient installation and cable management. The smaller size also improves density and cooling. It features innovative noise-canceling XTP technology that delivers exceptional alien crosstalk (AXT) and mission critical systems performance. LANmark-XTP is capable of transmitting 10GBASE-T network applications running at 10 Gigabit speeds with performance verified beyond ANSI/TIA Category 6A standards by third-party labs.



Smaller diameter cables improve density.

CHALLENGE SOLVERS

- The discontinuous shield provides some of the performance benefits of shielding (improved EMI resistance, alien crosstalk performance) but can be terminated as a UTP cable.
- The reduced diameter allows for an increase of greater than 25 percent in the number of cables that can be installed.
- LANmark-XTP cable is backwards compatible with Gigabit Ethernet to provide seamless migration to 10GBASE-T while supporting all Cat 6 and Cat 5e system requirements.
- LANmark-XTP cable has verified performance beyond ANSI/TIA-568-C.2 Category 6A by third-party labs (Intertek ETL).

THE ANIXTER APPROACH

- **Media Selection**
Choose the appropriate physical media from twisted-pair, optical fiber and direct-attached cables to address high-speed bandwidth requirements.
- **Universal Cabling Topology**
Determine the right choice for an open-architecture environment by adopting commercial building wiring and building automation standards.
- **Application Support**
Deploy scalable designs that can support multiple and varied applications over a high-performance, IP-based structured cabling system.

THE BERK-TEK SOLUTION

CROSS TALK PREVENTION

Highest degree of alien cross talk immunity in Cat 6 UTP cable

10G PERFORMANCE

Error-free performance up to 10 Gigabit Ethernet with duplex transmission up to 500 MHz

VOICE, VIDEO AND DATA

Best choice for convergence of high bandwidth requirements, POE performance, HD video and 802.11 ac wireless

anixter.com/shopberktek



WHAT WE HEAR

Challenges from the various commercial building stakeholders are:



Keeping up with **EVOLVING TECHNOLOGIES**



AMORTIZATION of cabling systems



Supporting multiple **APPLICATIONS**



Reducing network **DOWNTIME**



Coping with **INCREASING BANDWIDTH**

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 demands of your commercial building.

CONFIGURE

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

- Plenum Category 6A
- Riser Category 6A
- Jacket color
- Number of reels

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Preterminated assemblies
- Transceivers
- Patch panels
- 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 LANMARK-XTP FEATURES

✓ REDUCES NETWORK DOWNTIME

- Reduced outer diameter of 0.27 in. makes for easier installation and cable management.
- No bonding or grounding is needed, which allows for simple and efficient installation.
- The smaller diameter cable improves density and allows for better airflow management.
- It provides error-free performance up to 10 Gigabit Ethernet with full duplex transmission up to 500 MHz.

✓ SUPPORTS MULTIPLE APPLICATIONS

- Wireless access points
- Long- and short-channel support
- Full duplex transmission up to 500 MHz
- Voice, video and data management



Cable core is surrounded by an aluminium/polyester tape and a flame-retardant polymer alloy jacket.

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

About Anixter: [anixter.com/aboutus](https://www.anixter.com/aboutus)
Legal Statement: [anixter.com/legalstatement](https://www.anixter.com/legalstatement)

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.

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

