

## LANMARK-XTP AT A GLANCE

- Innovative noise canceling XTP technology
- Supports both long and short channels
- Smallest Cat 6A UTP diameter of 0.270"
- Improved density and better operational airflow and cooling
- Backwards compatible with Gigabit Ethernet
- Error free performance up to 10GBASE-T
- Full duplex transmission up to 500 MHz
- No bonding or grounding needed

## RECOMMENDED MARKETS

- Healthcare
- Financial
- Education
- Government

## THE FUTURE OF 10G PERFORMANCE HAS ARRIVED

Take Your Network's Performance to the Next Level with **LANmark™-XTP**.

It's not every day that you get to design and build a high-performing network for the next generation. But when you do, you need a cable that's built to last. Berk-Tek's LANmark-XTP cable is just that. Designed for those interested in exceptional performance to support applications today and tomorrow, LANmark-XTP features innovative noise canceling XTP technology, for the highest degree of alien crosstalk immunity available in a Cat 6A UTP cable. This performance advantage is delivered along with the smallest Cat 6A UTP diameter of 0.270", for superior cable density and less pathway congestion. LANmark-XTP is ideal for:

- 10GBASE-T network applications and mission critical systems at 10 Gigabit speeds
- Data center applications including computer clusters and end of row architectures
- Optimal total cost of ownership for financial, healthcare, government, transportation and education environments
- Wireless access points
- Networks requiring exceptional performance for Category 6A technology

For more information on Berk-Tek's LANmark-XTP cable, call 1-800-BERK-TEK or visit [www.berktek.com](http://www.berktek.com) – Search Term: LMXTTP

LANMARK-XTP

**Berk-Tek®**  
A NEXANS COMPANY

[www.berktek.com](http://www.berktek.com)



**Berk-Tek's LANmark™-XTP** features a small diameter\* of 0.270", that allows for easier and more efficient installation and cable management compared to other Category 6A UTP cables. The smaller size also improves density and cooling. It features innovative noise canceling XTP technology that delivers exceptional alien crosstalk (AXT) performance. LANmark-XTP is capable of supporting 10GBASE-T network applications and mission critical systems running at 10 Gigabit speeds with performance verified beyond ANSI/TIA Category 6A standards by third-party labs.



## FEATURES:

- Innovative noise canceling XTP technology delivers superior alien crosstalk (AXT) performance
- Backwards compatible with Gigabit Ethernet to provide seamless migration to 10GBASE-T while supporting all Cat 6 and Cat 5e system requirements
- Manages the convergence of voice, video and data at 10 Gigabit Ethernet speeds, simplifying networks
- Verified performance beyond ANSI/TIA-568-C.2 Category 6A by third-party labs (Intertek ETL)

## BENEFITS:

- Supports both long and short channels
- Easier installation and cable management with reduced outer diameter of 0.270"
- Error-free performance up to 10 Gigabit Ethernet with full duplex transmission up to 500 MHz
- The smaller diameter allows for improved density and better operational airflow and cooling
- No bonding or grounding for simple and efficient installation

## CONSTRUCTION:

Bare copper wire insulated with FEP. Two primaries are twisted together to form a pair and four such pairs are cabled together with a central filler to form the basic unit. The cable core is surrounded by an aluminum/polyester tape and jacketed with flame-retardant polymer alloy.

## FLAME RATING:

Non-Plenum— NFPA 70, CMR  
Plenum— NFPA 70, CMP  
UL Listed

## STANDARDS:

North American ANSI/TIA-568-C.2  
Category 6A  
UL 444 and C22.2  
No.214-02

International EU Directive 2006/96/  
EC (Low Voltage)  
EU Directive 2011/65/  
EU (RoHS)

## APPLICATIONS:

Berk-Tek's LANmark-XTP UTP cable is intended for applications including:

IEEE 802.3an	10GBASE-T	10 Gb/s
IEEE 802.3	1000BASE-T	1 Gb/s
TIA/EIA 854	1000BASE-TX	1 Gb/s
ATM	155 Mb/s	155 Mb/s
CDDI		100 Mb/s
IEEE 802.3	10BASE-T	10 Mb/s
IEEE 802.3 af	PoE	1 Gb/s
IEEE 802.3 at	PoE+, Type 1 & 2	1 Gb/s
IEEE 802.3 bt	PoE++, Type 3 & 4	10 Gb/s draft

## LANMARK-XTP PART NUMBERS

Plenum CMP	
Part #	Color
11082057	Blue
11082058	White
11094954	Gray

Riser CMR	
Part #	Color
11082062	Blue
11082063	White
11095916	Gray

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