

## **Berk-Tek Introduces World's Smallest Round Augmented Category 6 Compliant UTP Cable**

**New Holland, PA – September 6, 2007...**Berk-Tek, a Nexans Company, a leading copper and fiber optic cabling manufacturer, announced today the introduction of their new LANmark™-10G2 UTP cable, featuring the world's smallest round outside diameter of .300" nominal. This cable is designed and guaranteed to meet the electrical component requirements of proposed TIA-568-B.2-10 standard for Augmented Category 6 supporting IEEE 10GBASE-T out to 100 meters.

The new LANmark-10G2 cable was engineered using a patent-pending design that incorporates four twisted pairs cabled with three monofilament elements to ensure a completely round cross-section. The unique geometry and pair configuration in the cable creates a significantly reduced cable diameter, while preserving the industry leading alien crosstalk performance of the original LANmark-10G.

"The biggest challenge in producing a copper UTP cable for 10 Gigabit applications is eliminating the alien crosstalk between neighboring cables. The key is to keep the pair with the longest lay length furthest from adjacent cables," explains Frederic Jean, Senior Product Development Engineer. "Our patent-pending design is an industry break-through that allows us to accomplish this and reduce the overall cable size," he explains.

"The new LANmark-10G2 UTP cable provides significant space savings in horizontal and vertical pathways and simplifies installation over other 10G cables on the market," states Jim Frey, Copper Product Manager. "With a small round design and reduced bend radius, high-density installations are easier and the smaller size allows for better airflow in the pathway, which is a major concern in data centers, where 10G is most often deployed."

The new LANmark-10G2 cable is part of the NetClear GTX 10 Gigabit UTP channel solution from Berk-Tek and Ortronics/Legrand. Together with the Ortronics Clarity10G UTP TracJack® modular outlets, patch panels and patch cords, NetClear GTX is guaranteed to meet or exceed all TIA 568-B.2-10 component and channel requirements.

"When tested to Category 6A internal permanent link or channel requirements, using a NetClear approved handheld tester, the NetClear GTX system is guaranteed to support 10GBASE-T 10 Gigabit transmission for a full 25 years," states Todd Harpel, Director of Marketing. "No further alien crosstalk testing is required if the system is properly installed according to the latest standards and current NetClear data sheet requirements," he adds.



**About Berk-Tek, A Nexans Company**

*For more than 45 years, Berk-Tek has been a leading manufacturer of more than 100 different network copper and fiber optic cable products. The company has led in the development of high-performance and enhanced fiber optic and UTP cables designed to transport high-speed data and voice transmissions. Berk-Tek has major manufacturing facilities at New Holland, PA, Fuquay-Varina, NC and Elm City, NC. For more information, visit [www.berktek.com](http://www.berktek.com).*

**About Nexans**

*Nexans, the worldwide leader in the cable industry, brings an extensive range of advanced copper and optical fiber cable solutions to the infrastructure, industry and building markets for telecommunications and energy networks. With an industrial presence in 29 countries and commercial activities worldwide, Nexans employs 21,000 people and had sales in 2006 of \$8.8 billion. Nexans is listed on the Paris stock exchange as NEX. Visit [www.nexans.com](http://www.nexans.com).*

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