

Press Release

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Berk-Tek Leviton Technologies' Cat 6A Cabling System Meets 100-Watt Standard for Power Over Ethernet

Cabling system supports enhanced power and data transmission capabilities

Bothell, Washington, May 28, 2015 — Berk-Tek Leviton Technologies today announced that its CX6850 Cat 6A Premium+ UTP System was successfully tested to deliver 100-watt Power over Ethernet (PoE), enabling the transmission of power and data to a wider range of remote devices. The ability to deliver 100 watts supports emerging PoE standards, such as the draft IEEE 802.3bt (type 4) PoE standard scheduled for ratification in 2017.

“Next-generation powered devices, such as wireless access points and large-display HDTVs, will require greater bandwidth than Gigabit Ethernet and more delivered power, so designers need to build networks with these future needs in mind,” said Dean Lipke, Senior Director of Product Management, Copper, Power, Connected Home, at Leviton. “The CX6850 Cat 6A Premium+ UTP System has undergone rigorous lab testing by Berk-Tek and Leviton, and the system demonstrates the ability to meet the need for higher bandwidth and power, while limiting the temperature rise in large cable bundles and remaining within the cable’s listed rating.”

The CX6850 system includes Berk-Tek LANmark™-XTP cable, Leviton Atlas-X1™ component-rated connectors and patch cords and Leviton component-rated 110-style patch panels. Along with the ability to support power at 100 watts, LANmark-XTP cable includes innovative noise-canceling XTP technology for superior alien crosstalk (AXT) suppression.

“Using a CX6850 system for PoE delivery provides significant benefits over Cat 6 or 5e,” said Brian Simmons, Copper Product Manager at Berk-Tek. “LANmark-XTP cables provide better heat dissipation, and are listed to 75 degrees Celsius, which allows the cables to be installed in larger bundles than with lower-grade cables, saving pathway space and avoiding channel length de-rating due to insertion loss. This in turn enables longer cable runs.”

For more information about the CX6850 Cat 6A Premium+ UTP System, visit the [Berk-Tek Leviton Technologies website](#).

About Leviton Network Solutions

Leviton Network Solutions delivers complete network infrastructure systems for enterprise, data center, government, education, health care and residential markets around the globe. Solutions include copper and fiber optic connectivity, power distribution units, and much more. All Leviton products are engineered to exacting standards, offer industry-leading performance and are backed by the industry's best service and support. Builders, contractors and other industry professionals consistently rank Leviton products as the most preferred brand in the industry. Make the smart choice for a better network. Learn more at leviton.com/ns or twitter.com/LevitonNS.

About Leviton

Leviton is the smart choice, providing the most comprehensive range of solutions to meet the needs of today's residential, commercial and industrial buildings. Leveraging more than a century of experience, Leviton helps customers create sustainable, intelligent environments through its electrical wiring devices, network and data center connectivity solutions, and lighting energy management systems. From switches and receptacles, to daylight harvesting controls, networking systems, and equipment for charging electric vehicles, Leviton solutions help customers achieve savings in energy, time and cost, all while enhancing safety. For more information, visit www.leviton.com, <http://www.facebook.com/leviton>, <http://twitter.com/levitonmfg> or <http://www.youtube.com/Levitonmfg>.

About Berk-Tek, A Nexans Company

For more than 50 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.

About Nexans

With energy as the basis of its development, Nexans, worldwide expert in the cable industry, offers an extensive range of cables and cabling systems. The Group is a global player in the infrastructure, industry, building and Local Area Network markets. Nexans addresses a series of market segments: from energy, transport and telecom networks to shipbuilding, oil and gas, nuclear power, automotives, electronics, aeronautics, material handling and automation. Nexans is a responsible industrial company that regards sustainable development as integral to its global and operational strategy. Continuous innovation in products, solutions and services, employee development and engagement, and the introduction of safe industrial processes with limited environmental impact are among the key initiatives that place Nexans at the core of a sustainable future. With an industrial presence in 40 countries and commercial activities worldwide, Nexans employs 26,000 people and had sales in 2013 of 6.7 billion euros. Nexans is listed on NYSE Euronext Paris, compartment A. For more information, please consult www.nexans.com.

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