

Berk-Tek Announces OneReach Copper/Fiber Cable System for Extended Distances

Las Vegas, NV – September 13, 2010 – Berk-Tek, a Nexans Company, a copper and fiber optic cable technology and solutions leader, announces the offering of the OneReach system which is an integrated power and data cable solution for extended distances, such as for security cameras or access points, beyond the 100 meters of conventional Power over Ethernet (PoE) solutions – up to 3,850 feet.

The OneReach system is comprised of three components – power injector (PI) module, OneReach cable assembly (OCA) and remote PoE port (RPP). The PI, located in the Telecommunications Room (TR), injects both the power and the data from the active equipment, such as the fiber switches and power supply unit. This module is available from 1-4 ports, supporting up to 24 devices in an easily rack mountable 4U powered patch panel. The OCA attaches to the PI through LC connectors for fiber and through screw terminals for the copper/power conductors. The OCA consists of the Berk-Tek CL3R-OF-rated composite copper/fiber cable, under one jacket, which includes 12 AWG or 18 AWG stranded conductors coupled with either tight-buffered or loose tube optical fibers. The cable assembly is built to specific lengths and is pre-tested and pre-terminated with M8 connectors for the RPP. The RPP is a passive media converter that converts the cable assembly to an RJ-45, IEEE 802.3af compliant output. From the RPP an additional 100 meters of twisted pair cable can increase the distance out to the device.

“The OneReach system was designed to support single or multiple remote PoE devices, when the powered device needs to be more than 100-meters from the TR,” states Mike Connaughton, RCDD, Fiber Optic Products Business Manager at Berk-Tek. “Additional benefits include a lower cost and better ROI compared to installing power at the device end or pulling separate cables in separate pathways, while also providing network advantages such as remote management capabilities, consolidated UPS, and single point troubleshooting,” he adds.

The OneReach is available immediately from major Berk-Tek distribution channels.

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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 manufacturing facilities in New Holland, PA, Fuquay-Varina, NC and Elm City, NC. For more information, visit www.berktek.com. Nexans, Berk-Tek's parent company, is a worldwide leader in the cable industry for telecommunications and energy networks. With an industrial presence in 29 countries with 21,000 employees, Nexans reported \$7 billion in sales in 2009. Nexans is listed on the Paris stock exchange as NEX. Visit www.nexans.com.

Editorial Contact: Carol Everett Oliver, Tel: 717-682-7336, E-mail: carol.oliver@nexans.com information, visit www.berktek.com.