

NEXANS LAUNCHES SOLUTIONS FOR 25G AND 40G ETHERNET AT CEBIT 2016

LANmark-7A and LANmark-8 copper systems specifically are specially designed for scalable high speed data centre applications

Buizingen (B), March 14, 2016 - Nexans is today announcing its new copper-based solutions to support bandwidths of 25Gb/s and 40Gb/s Ethernet. Developing this technology is part of Nexans' vision of supporting the world's growing data needs.

Nexans' LANmark-7A is now upgraded in frequency from 1000MHz to 1250MHz to fully cope with the demands of 25GBase-T. Designed for applications beyond 10G, LANmark-7A supports existing RJ45 based legacy equipment using the backwards-compatibility of GG45 connectivity. This technology allows for a seamless migration to 25G over 30m while being fully compatible with 10GBaseT over distances greater than 100m.

Category 7A is currently the highest performing standard available and is specified to 1000MHz. Although 25GBase-T will use 1000MHz as upper frequency some headroom is required from the cabling. LANmark-7A has always delivered headroom beyond the minimum and this change formalises that for new installations. Existing installations of LANmark-7A may also be qualified to support 25GBase-T.

LANmark-8, which will also be launched, is based on LANmark-7A, with enhancements including the ability to support frequencies up to 2000MHz, enabling transmission of 40GBase-T over 30m. Both systems are based on Nexans' GG45 connector, which is a screened RJ45 compatible cable jack specified up to 2000MHz.

These developments were designed specifically to address the challenges of supporting high frequency Ethernet applications in excess of 10 Gigabits.

Combined with LANmark-7A cable and patch cords, GG45 offers support for 25GBase-T.

Combined with a LANmark-8 2GHz cable, GG45 offers support for 40GBase-T.

Martin Rossbach, Director of Product Marketing at Nexans Cabling Solutions said: "*LANmark-7A is ideal for data centres which currently use 1 Gb/s line speed at server ports. LANmark-7A can be installed in cost effective End or Middle of Row Architectures and offers cabling for two performance steps ahead of today: 10GBase-T and 25GBase-T.*

With LANmark-8, even one performance step further can be achieved towards 40GBase-T"

Nexans is holding live demonstrations of the LANmark-7A and new LANmark-8 in Hall No. 12, Stand: C-17/1 at DatacenterDynamics Pavilion at CeBIT.

About Nexans

Nexans brings energy to life through an extensive range of cables and cabling solutions that deliver increased performance for our customers worldwide. Nexans' teams are committed to a partnership approach that supports customers in four main business areas: Power transmission and distribution (submarine and land), Energy resources (Oil & Gas, Mining and Renewables), Transportation (Road, Rail, Air, Sea) and Building (Commercial, Residential and Data Centers). Nexans' strategy is founded on continuous innovation in products, solutions and services, employee development, customer training and the introduction of safe, low -environmental- impact industrial processes.

In 2013, Nexans became the first cable player to create a Foundation to introduce sustained initiatives for access to energy for disadvantaged communities worldwide.

We have an industrial presence in 40 countries and commercial activities worldwide, employing close to 26,000 people and generating sales in 2013 of nearly 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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