



**Press release**

## **Nexans expands its successful GG45 product range with a new 8-contact high-speed Cat 7A PCB jack**

*Robust design and proven reliability for high data transmission speeds will make the new GG45 8C Series the preferred solution for active equipment manufacturers.*

**Paris, September 25, 2007** – Nexans, the worldwide leader in the cable industry, has launched a new GG45 8-contact high-speed Category 7A jack for use on Printed Circuit Boards (PCBs).

The GG45-8C PCB jack is a right angle female connector that can be mounted on a PCB for high speed data transmission applications and high speed testing equipment as well as for Cat7 patch panels and cross connectors, offering ease of installation and exceptional performance for high-speed copper data transmission with full backward compatibility.

In common with all Nexans' GG45 products, the outer dimensions of the new 8-way jack are identical to the existing RJ45 jack widely used for Ethernet applications; enabling all equipment manufacturers worldwide to continue using their existing housings and PCB footprints when switching to the new high-performance jack.

Kevin Saint-Cyr, Global Segment Developer of LAN\* activities within Nexans says: "We strongly believe that the GG45-8C PCB jack could become the next standard in copper cabling applications due to its increased frequency range (up to 1,500MHz), which exceeds the Cat7A specification IEC61076-3-110 by 500 MHz, and its exceptional signal-to-noise ratio". Actually, the GG45-8C PCB jack further extends Nexans' extensive portfolio of Cat7 products and will initially consist of a single-port, PCB-mounted jack".

The existing Nexans GG45 12-way connector has been certified by the independent German testing institute GHMT AG as fully compliant with IEC standards for generic cabling up to a bandwidth of 1,000 MHz for customer premises. It incorporates a switch to offer a choice between a high speed (600 MHz) and a medium speed (250MHz) mode.

\* Local Area Network

The new GG45 8C series has 8 contacts and will only run at the high speed mode, but with a channel performance up to 1500MHz. No additional switch for slower frequencies is provided.

### **About Nexans**

With energy cables as its core, Nexans, the worldwide leader in the cable industry, offers an extensive range of cables (copper, aluminum and optical fiber) and cabling systems. The Group's strategy is focused on infrastructure, industrial and building markets. Nexans develops solutions for industry sectors such as shipbuilding, oil and gas, nuclear, automotive, electronics, aeronautics, handling and automation and includes an offering dedicated to public and private (local area) telecommunications networks.

With an industrial presence in more than 30 countries and commercial activities worldwide, Nexans employs 21,000 people and had sales in 2006 of 7.5 billion euros. Nexans is listed on the Paris stock exchange, compartment A of the Eurolist of Euronext. More information on <http://www.nexans.com>

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