

Xtalk

by Nexans Cabling Solutions

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NEXANS includes 10Gbase-T in its 20 years system warranty

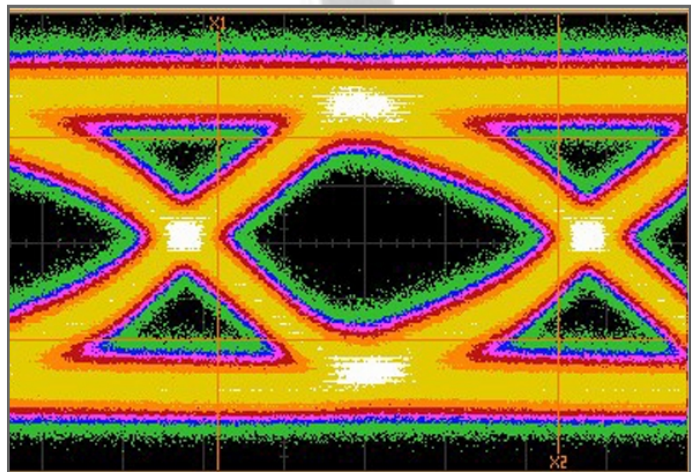
The IEEE 802.3an working group has based future 10Gbase-T protocols on Class F/Category 7 cabling channels to transmit 10 Gigabit Ethernet over 100m.

Nexans is the first to guarantee this application with its LANmark-7 system.

The LANmark-7 system is made up of the LANmark-7 1000MHz STP cable and the GG45 Category 7 connector. The GG45 is THE standard Category 7 compliant connector. Belonging to the RJ45 family (IEC 60603-7) it is fully backward compatible to RJ45.

The **LANmark-7** system has been widely installed and installations can now be fully field-tested up to 600MHz. The system is specified to 625MHz and beyond and is fully alien crosstalk compliant thanks to the screening performance.

Nexans is so confident in the reliability and performance of LANmark-7 that it is the first and only company to provide an explicit application guarantee as part of the 20 years system warranty.



IEEE 802.3 working groups also work on solutions for improved category 6 UTP and FTP systems to support 10Gbase-T, however several issues such as insertion loss and alien cross talk are not fully defined yet.

That means that no category 6 cable or connector can be guaranteed to fully support this future application, this is also true for those products who are supposedly intended to support 10Gbase-T. The product definitions can and will be open for changes.

Today a cat7/Class F system as LANmark-7 is the only safe investment to consider if you are preparing a network infrastructure for the eventual 10Gbase-T standard.

**For more information on 10GbaseT support
over copper cabling systems please download our White Paper
www.nexans.com/ncs**