

## NEWS RELEASE

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**As HellermannTyton launches its new 10G Solution it warns that best practice installation is 'critical' to the operation of 10G networks.**

- *New pre-terminated solution minimises risk of network down time*

Potential users of new 10Gigabit Ethernet networks should be aware that poor products, installation and/or design could result in network downtime - that is the advice from leading structured cabling manufacturer HellermannTyton.

Unlike lower speed networks - whose performance may be simply degraded by a poor cabling installation - the 10G network can suffer a complete black-out if even just a few of the cables are not properly terminated, badly designed or inferior products are used.

The warning comes as HellermannTyton launched its own 10Gigabit Ethernet solution, complete with a factory pre-terminated option. The UK-manufactured product range includes robust 10G FTP cable and patch cords, rugged die-cast keystone jack connector and compact 24-port patch panel just 1U high. It presents the RJ45s linearly, thus not needing to use the 'checkerboard' design.

"The sensitivity of the 10G network to installation practice may not be widely understood by users," explained HellermannTyton's Senior Product Manager, Peter Hawtin. "It is important that users of 10G systems choose a high quality solution with a product and installation guarantee for their mission critical installations if they are to avoid the possibility of project delays and network

downtime. Factory pre-terminated cable carries the minimum risk because it significantly reduces risks of this nature before you even start.”

Although the draft Augmented Category 6 standard is still to be finalised and ratified, user demand for high-speed copper networks is rising and a handful of early adopters have already installed 10G systems. Ideal for data centre and server farm applications, as well as mission critical business networks, the robust HellermannTyton 10G shielded solution is designed to give users peace of mind that today’s installation will meet their needs tomorrow, whatever the final wording of the AC6 standard.

HellermannTyton’s 10G cable is designed to minimise alien cross talk and the effects of electromagnetic interference. The foil and Mylar shielded cable comes as single 4-pair FTP for conventional installation or in a 6-way ‘five-around-one’ pre-terminated design. The rugged die-cast construction of the connector offers 360-degree shielding, good ground conductor to cable, and a low resistance ground patch to panel ground.



Picture shows HellermannTyton’s 10Gig Solution compact 24-port patch 1U panel