

10Gig Solution

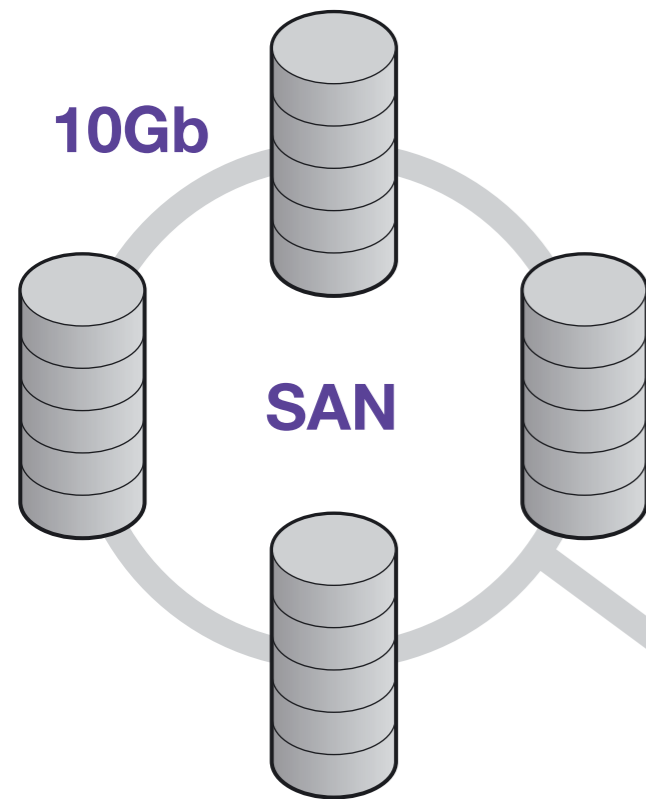


BETTER TECHNOLOGY THROUGH INNOVATION

Network Cabling Solutions

HellermannTyton
Network Sciences

Why you need 10Gig



Everyone is talking about 10Gig Ethernet but what exactly is it and why do you need to have it?

The trend in computer systems is moving towards 'clustering' larger numbers of cheaper but less powerful servers linked to high speed Storage Area Networks or SANs.

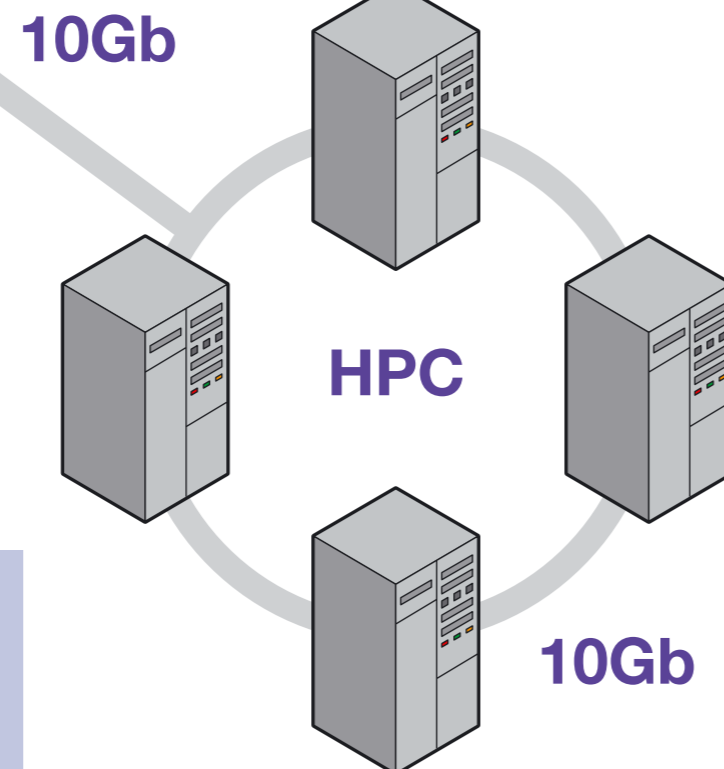
The result - cost effective networks that deliver the same high performance capabilities of HPC (High Performance Computing) networks.

With the availability of high-performance 10 Gigabit Ethernet technology and the high bandwidth it brings, clustered networks can finally use this common and dependable network access method to interconnect their services whilst maintaining the high performance capabilities that have come to be expected.

The emergence of 10 gigabit-per-second Ethernet (10Gbps) brings with it the same compatibility and easy migration expectations as its predecessors. So why is it so necessary?

- 10Gbps features 10 times the bandwidth of the previous 1Gbps Ethernet technology
- Hardware costs are dropping rapidly as the technology becomes more established making 10Gbps a viable solution.
- 10Gbps has emerged as a real technology that is ready to challenge the current proprietary solutions in both established fibre and emerging copper solutions.

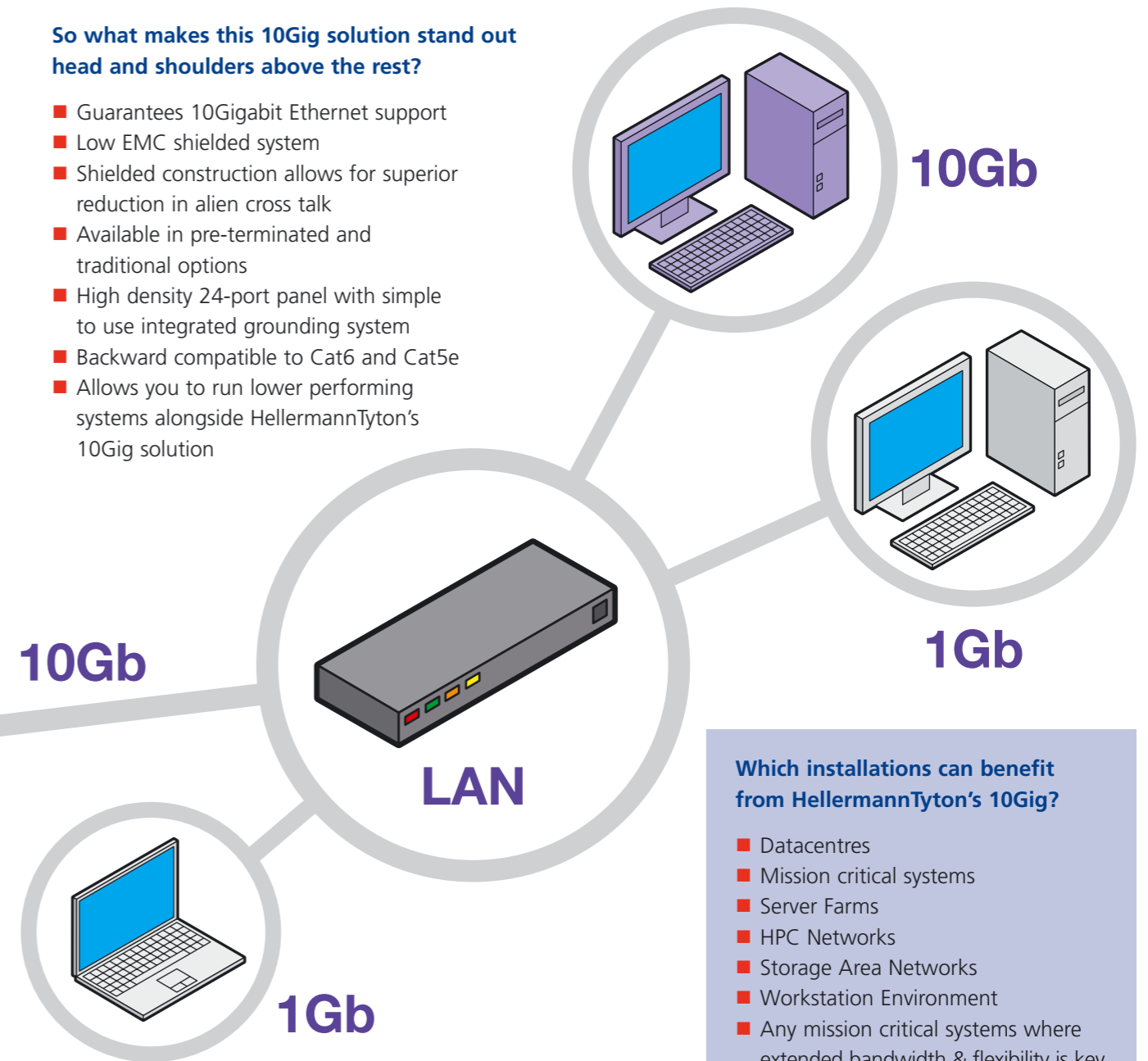
Ordering Code	Description	Ordering Code	Description
RJ45F10GS	Shielded 10G Jack - Die-cast body	RJ4510G-03MSLD	10G shielded patch cords 3mtr
1/2408KS/U	1u 24 port category sliding tray panel	RJ4510G-04MSLD	10G shielded patch cords 4mtr
CA140	FTP LSOH 10G Cable - Purple	10GRJ45-RJ45-XXX	RJ45 to RJ45 6 way pre-term assembly (XXX = length)
RJ4510G-01MSLD	10G shielded patch cords 1mtr	Pre-term	Available on request
RJ4510G-02MSLD	10G shielded patch cords 2mtr		



Why Choose HellermannTyton's 10Gig Solution?

So what makes this 10Gig solution stand out head and shoulders above the rest?

- Guarantees 10Gigabit Ethernet support
- Low EMC shielded system
- Shielded construction allows for superior reduction in alien cross talk
- Available in pre-terminated and traditional options
- High density 24-port panel with simple to use integrated grounding system
- Backward compatible to Cat6 and Cat5e
- Allows you to run lower performing systems alongside HellermannTyton's 10Gig solution

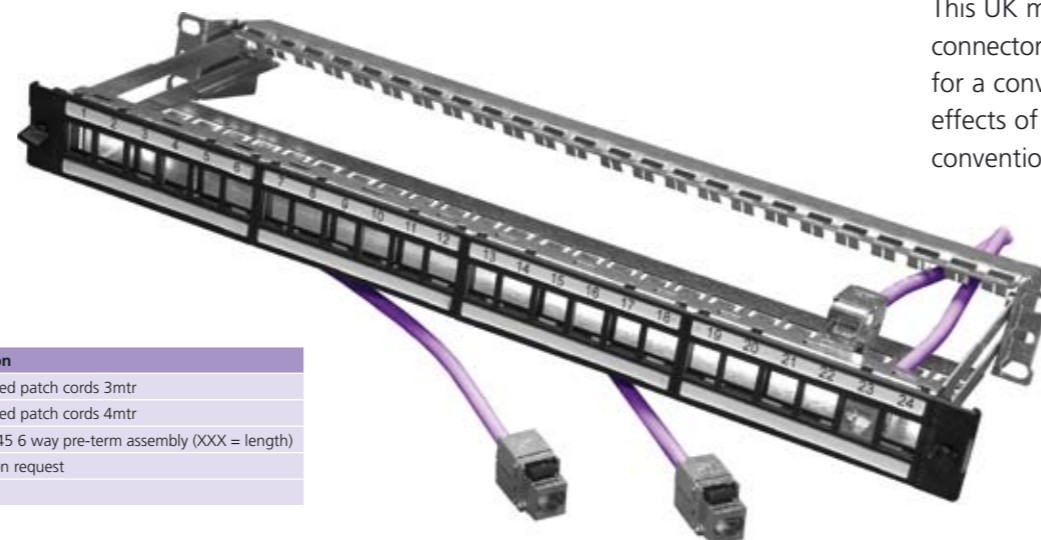


Which installations can benefit from HellermannTyton's 10Gig?

- Datacentres
- Mission critical systems
- Server Farms
- HPC Networks
- Storage Area Networks
- Workstation Environment
- Any mission critical systems where extended bandwidth & flexibility is key

It's all in the design ...

This UK manufactured range includes robust 10Gig FTP cable and patch cords, rugged die-cast keystone jack connectors and a compact 24-port patch panel just 1U high, presenting the RJ45s linearly and negating the need for a conventional "checkerboard" design. The 10Gig 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.



Reducing the risk

Our pre-term solution allows a virtually risk-free installation, crucial when implementing 10Gig systems.

To find out more about HellermannTyton's 10Gig Solution simply contact us on 01604 707420 to request your technical datasheet.



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