

**RapidNet**



P R E - T E R M I N A T E D  
Network Cabling Systems

**HellermannTyton**  
Network Sciences

## With **RapidNet** time's on your side

- FACT** Time is a scarce commodity
- FACT** A risk-free structured cabling option is hard to find
- FACT** Traditional structured cabling installations can contain hidden costs when it comes to consistency and quality of termination
- FACT** RapidNet from Hellermañnyton solves these three problems in one simple, flexible solution, saving you valuable time and reducing your risk significantly



## Reduce installation time by up to

# 85%

- No on-site termination needed
- RapidNet Shielded Copper Option available
- RapidNet Fibre Optic version available
- Tray design allows both UTP and fibre cassettes to be installed along side shielded FTP cassettes

## Better technology through innovation

### RapidNet is:

- an innovative fully patented pre-terminated, pre-tested and pre-labelled\* 'plug & play' cabling system which does not require on-site termination
- minimal on-site testing required
- an end-to-end solution addressing communication rooms, data centres and workstation environments
- available in UTP and FTP copper, Multimode and Singlemode fibre

## RapidNet uniquely offers

- Pre-terminated cable looms allowing maximum flexibility in your communications room and workstation environments
- Saving on installation time of up to 85% depending on media
- Standards compliance for Category 5e, Category 6 and fibre
- Patch panels frames
- RJ45 presentation for copper and LC and SC for fibre
- Cabinets featuring our unique cabinet cable clip management system
- A variety of connectivity options at the workstation
- Every copper and fibre link is available with certified test results
- Easy to use cassettes with quick release mechanism

\* Pre-labelling only, available on custom lengths

RapidNet addresses the critical issues for cabling installations such as quality control, consistent repeatable terminations, installation time and the human resource required on site to complete a successful project on time and within budget.

Each individual link is pre-terminated and test-approved before it leaves Hellermañnyton's manufacturing facility.

Once it arrives on site all you need to do is 'plug it in'. IT's that simple. If you are looking for a clean and quick installation where reliability and quality are not compromised, then RapidNet is the answer.

*"The design and installation of the cabling infrastructure at 131 Finsbury Pavement has been first rate...A superb job and a superb product."*

**Raj Pillai, IT Director, NYMEX**

## What you can achieve with RapidNet

- Reduced human resource requirement for more effective staff management
- A fixed cost gives more efficient programme management
- Reduce disruption for clients with a clean and quick installation
- Cut 'downtime' dramatically for a 'business as usual' project
- Easy installation in confined riser closets
- Save costs on waste management with reusable RapidNet reels

*"We've been able to complete the project three months ahead of schedule. I am positive that there is no way that the project could have been completed so efficiently without RapidNet."*

**Mike Philburn, Core Network Consultant Co-op Insurance Services**

## Where you can achieve success with RapidNet

- Flood wiring
- Data centres
- Trading floors
- Equipment rooms
- Refurbishments (business as usual)
- Disaster recovery
- Event management projects
- Any time critical installation where every hour counts



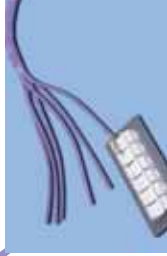


# Unshielded

HellermannTyton's truly unique and patented RapidNet cabling solution has been designed to maximise the concept of pre-termination by including both copper (UTP/FTP) and fibre media. Virtually every traditional cabling scenario can be provided for from the RapidNet portfolio - it just takes a little imagination.



**Panel cassette to split pod**  
Staggered length option also available



**Panel cassette to unterminated cable**  
for tight bottlenecks



**Panel cassette to keystone jack**  
Staggered length option also available



**Panel cassette to consolidation point**  
for work area flexibility



**Panel cassette to panel cassette**  
Ideal for cabinet to cabinet installations



**Panel cassette to hub/switch or server**



Terminated with RJ45 plugs



**Panel cassette to floor box**

# Shielded



**Shielded panel cassette to shielded panel cassette**



**Shielded panel cassette to shielded keystone jack** - staggered length option also available



**Panel cassette to split staggered keystone**  
Equal length option also available



**Shielded panel cassette to unterminated cable**

# Fibre



**Robust casing protects 12 fibre optics**  
in a panel to panel configuration

# RapidNet Category 6 Loomed Cable on a Reel

# RapidNet Test Data

RapidNet cut-to-length loomed cable on a reel is a welcome environmentally sound method of managing cable on site. For UTP cable high quality protective black ABS plastic cable reels are used on lengths above 25 metres. FTP lengths over 20 metres are offered on non-returnable wooden reels.\*

The plastic reel is reusable meaning virtually no wastage on site.

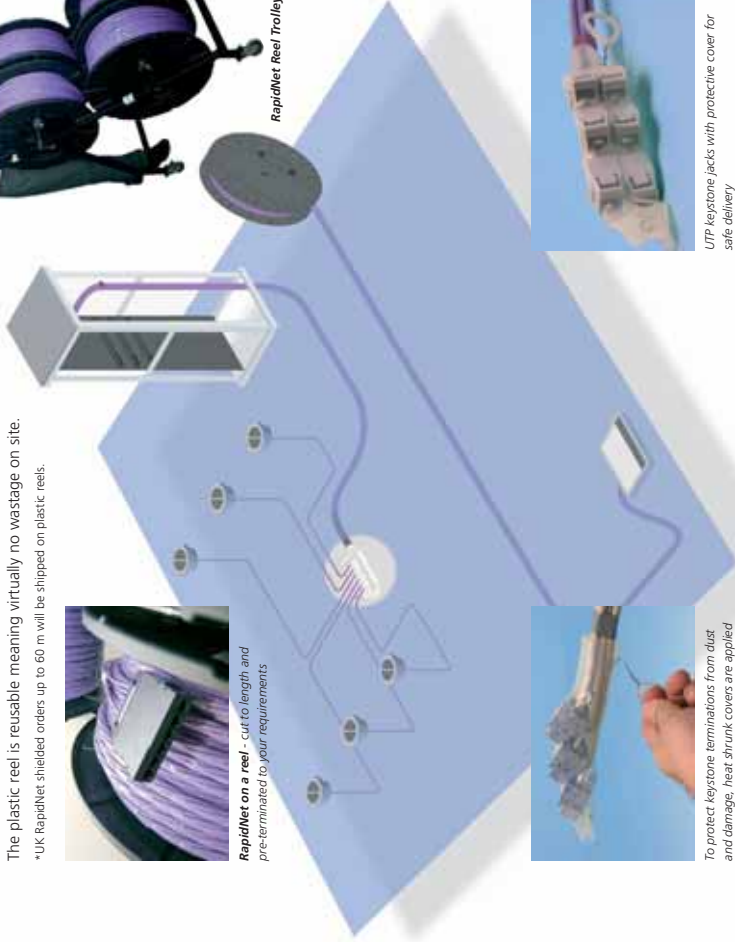
\*UK RapidNet shielded orders up to 60 m will be shipped on plastic reels.



**RapidNet on a reel** - cut to length and pre-terminated to your requirements



**RapidNet Reel Trolley**



To protect keystone terminations from dust and damage, heat shrink covers are applied pre-delivery. A simple 'rip pull' action is all that's needed to remove the cover.



UTP keystone jacks with protective cover for safe delivery



RapidNet is also available 'off-the-shelf' from HellermannTyton's distributor network in lengths of up to 25 metres UTP, 20 metres on FTP and up to 150 metres on fibre

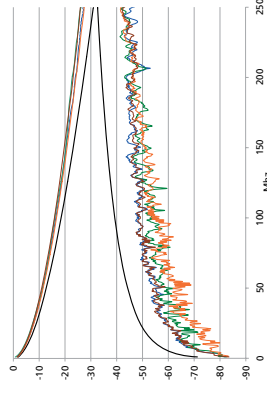
## HellermannTyton Support

At HellermannTyton we work closely with our Network Sciences Authorised Installers to ensure that the RapidNet delivery and installation programme is maintained. Installation programmes often experience amendments, therefore, within agreed parameters and on a project-by-project basis, we will also support any alterations within a 24 hour period whilst still maintaining overall programme deadlines.

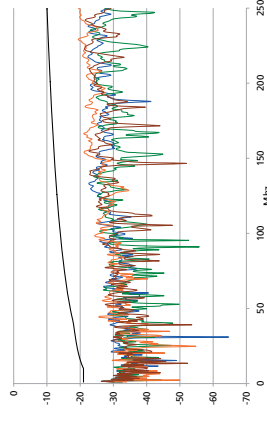
Our manufacturing methodology enables us to utilise our skilled and experienced workforce in a flexible manner in support of the client's installation programme. In addition to HellermannTyton's BS EN ISO 9001:2000 accreditation, every sales order is fully controlled and tracked by our management system, from initial order input to final stage packaging and despatch to our customers.

## Cassette to Outlet

Attenuation and PSNEXT Cassette to Outlet

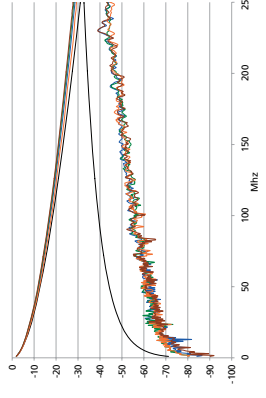


Return Loss Cassette to Outlet

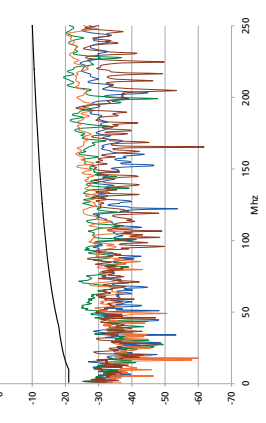


## Cassette to Cassette

Attenuation and PSNEXT Cassette to Cassette



Return Loss Cassette to Cassette



## Factory Testing

100% performance testing of all pre-terminated cable units is carried out at our Northampton manufacturing premises prior to the cable units being released from Quality Control.

- Copper RapidNet performance testing is carried out in line with the ISO 11801 and ANSI/TIA/EIA 568-B.2-1 standard.
- Fibre RapidNet performance testing is carried out in line with the ISO 11801 and ANSI/TIA/EIA 568 B.3 standard.



## Guarantee

RapidNet is fully covered by the HellermannTyton 25 Year System Guarantee which includes the performance of the system in addition to the lifetime product guarantee. Only HellermannTyton Network Sciences approved installers are authorised to design, install, test, and apply for a RapidNet Network Sciences System Guarantee.



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