



Data Centre Solutions

Better Technology Through Innovation

Data Centre Challenges

Data Centres numbers are on the increase the world over as the need for storage, processing power and the continual expansion of the internet demands that, wherever you are in the supply chain to provide data centre services, you need access to the best cabling infrastructure solutions available that fit your technology needs and your financial budgets.

Data Centre Providers are faced with continual challenges such as:

- Speeding up the "investment to revenue" cycle by getting clients online rapidly
- Pressure on limited cabinet and rack space
- Ensuring that the cabling system of choice genuinely meets bandwidth requirements and will stand up to major volumes of high speed data traffic
- Managing your post-fit infrastructure

HellermannTyton's mission is to ensure that specifiers, across the globe, have a genuine choice of standards compliant cabling systems that are tried and tested technologies packaged together in such a way that enables the specifier to get the most out of their data centre in terms of revenue generating space, minimising the installation time of your cabling infrastructure and most of all helping you to meet your business drivers.

Our team of highly experienced and qualified personnel are available to discuss your cabling requirements either at your offices, data centre site or at our manufacturing facility where you can learn, at first hand, how our cabling solutions are researched, developed, designed and manufactured.

HellermannTyton are the largest manufacturer of structured cabling solutions in the UK producing over 3 million system points annually and lead the market in pre-terminated and high density cabling solutions.



RapidNet - Speeds up investment to revenue cycle

RapidNet

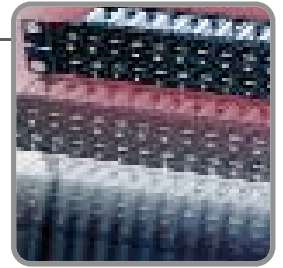
- RapidNet is HellermannTyton's unique pre-terminated "plug & play" cabling system
- Saves up to 85% on traditional installation time
- RapidNet is available in UTP and STP copper options complying with Cat5e & Cat6 cabling standards
- RapidNet is available in multi-mode and single-mode fibre variations with LC or SC connectivity
- 6 Copper connections, 6 Duplex LC or 6 Simplex SC connections per cassette
- Each RapidNet length is made to measure
- Fully terminated and tested at our ISO 9001 and ISO 14001 accredited facility



EcoBand and MPO - Relieves pressure on space

EcoBand

- HellermannTyton's UTP Cat5e and Cat6 1U 48 Port High Density patch panels are ideal when space is at a premium
- Double the traditional density for copper
- Each port numbered for easy management



MPO

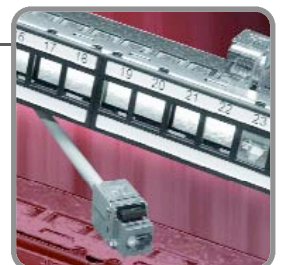
- HellermannTyton's fibre MPO is a "plug & play" solution
- Saves up to 85% on traditional installation time
- Available in multi-mode and single-mode options with LC or SC connectivity
- Perfect for difficult cable routes with limited space for pulling cable through
- Ideal for when your data centre is located in an older facility
- MPO is made to measure and is fully terminated and tested under our strict controls
- Up to 72 multi-mode or single-mode fibres in 1U space
- Individual cassettes contain 24 fibres each
- Available in LC and SC options



10G - Meets bandwidth requirements

10G Solution

- HellermannTyton's 10G solution is a high performance 10 Gigabit Ethernet solution that complies with TIA TSB155
- Modular Keystone 1U 24 port patch panel
- Shielded connectivity and cable for protection from EMI and EMC
- Singular or 6 way pre-terminated jack to jack options available
- Fully terminated and tested at our ISO 9001 and ISO 14001 accredited facility



iD - Manages your infrastructure

iD

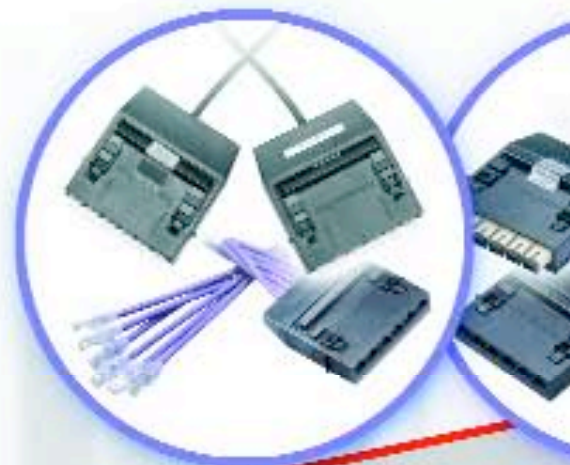
- HellermannTyton's unique iD software solution enables full control of your cabling infrastructure
- Use of Bar Coding to make life simple
- MACs made easy
- PDA based on-site management
- SNMP network assets discovery and recording



Data Centre Challenges

RapidNet - Speeds up investment to revenue cycle

- Ideal for cabinet to patching field connectivity and inter-patching and inter-cabinet connectivity
- 6 way Cat5e or Cat6 copper cassette to cassette loom
- 6 Duplex LC or 6 Simplex SC fibre cassette to cassette loom
- 6 way Cat5E or Cat6 cassette to RJ45 Plug for direct equipment connection
- 6 way cassette to open end is also an option for use with traditional patch panels



10G - Meets bandwidth requirements

- Ideal for cabinet to patching field connectivity and inter-patching and inter-cabinet connectivity
- 10Gigabit Ethernet performance
- 1U 24 port patch panel utilising shielded keystone connectors
- Available in pre-terminated and traditional options

HellermannTyton
Network Sciences



MPO and EcoBand - Relieves pressure on space

- Fibre and copper High Density solutions utilising MPO and RJ45 presentations
- MPO is ideal for onerous cable routing - 72 fibre connections in 1U
- EcoBand is ideal when cabinet space is at a premium - 48 copper connections in 1U of space



iD - Managing your infrastructure

- iD is perfect for managing your client's connections
- Easy to make quick and error free MACs
- Can manage multiple clients with one business licence
- Cost effective and flexible

RAPIDNET



LC RAPIDNET FIBRE

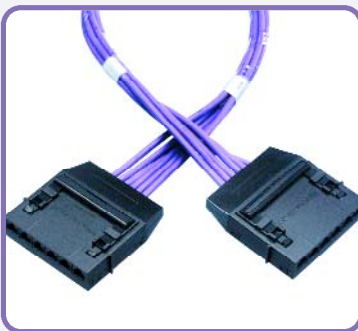
- 6 duplex LC connectors
- Available as 62.5/125, 50/125, OM3 and single mode
- Factory pre-terminated and tested
- High Density – 48 fibres in a 1U space (LC Only)
- Can be used in conjunction with UTP patch panel
- Up to 85% time saving on installation

Part Code: Available upon request
UNS Number: Available upon request
EAN: Available upon request
Pack Size: Single

SC RAPIDNET FIBRE

- 6 simplex SC connectors
- Available as 62.5/125, 50/125, OM3 and single mode
- Factory pre-terminated and tested
- Can be used in conjunction with UTP patch panel
- Up to 85% time saving on installation

Part Code: Available upon request
UNS Number: Available upon request
EAN: Available upon request
Pack Size: Single



CASSETTE TO CASSETTE

- Factory pre-terminated and tested
- Meets all ISO/TIA Category 6 and C5E performance standards
- Backward compatible with C5E and C5
- Up to 85% time saving on installation
- Available in UTP, FTP and optical Fibre versions
- 6 port RJ45 presentation
- Plug and play convenience

Part Code: Available upon request
UNS Number: Available upon request
EAN: Available upon request
Pack Size: Single

CASSETTE TO RJ45 PLUG

- Factory pre-terminated and tested
- Meets all ISO/TIA Category 6 and C5E performance standards
- Backward compatible with C5E and C5
- 6 port RJ45 presentation
- Up to 85% time saving on installation
- High performance RJ45 plugs
- Each of the 6 loom legs can be manufactured to specific arrayed lengths on request
- Plug and play convenience

Part Code: Available upon request
UNS Number: Available upon request
EAN: Available upon request
Pack Size: Single





CASSETTE TO OPEN

- Factory pre-terminated and tested
- Meets all ISO/TIA Category 6 and C5E performance standards
- Each cable identified 1-6 for identification purposes
- Up to 85% time saving on installation
- Can be terminated with any HellermannTyton product on site cassettes
- Backward compatible with C5E and C5

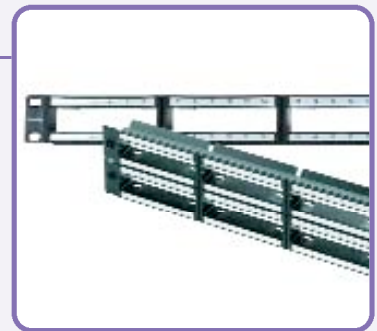
Part Code: Available upon request
UNS Number: Available upon request
EAN: Available upon request
Pack Size: Single

RAPIDNET PANEL

- 19 inch 1U or 2U options providing 24 or 48 way ports respectively
- Double labelling feature for sophisticated labelling configurations
- Can be used with the Alpha Snap labelling software
- Metal frame pre-assembled with plastic shrouds for receiving cassettes
- Fitted with rack snaps as standard
- Blanks available if panel is partially loaded

Part Code: RN2408-UL
UNS Number: 859-30000
EAN: 5022660905612
Pack Size: Single

Part Code: RN4808-UL
UNS Number: 859-30008
EAN: 5022660905650
Pack Size: Single



FTP CASSETTE TO CASSETTE

- Factory pre-terminated and tested
- 6 way looms to enable increased pulling efficiency
- Meets all ISO/TIA Category 6 and C5E performance standards
- Backward compatible with C5E and C5
- Up to 85% time saving on installation

Part Code: Available upon request
UNS Number: Available upon request
EAN: Available upon request
Pack Size: Single

FTP RAPIDNET PANEL

- 19 inch 1U providing 24 ports
- Double labelling feature for sophisticated labelling configurations
- Can be used with the Alpha Snap labelling software
- Metal frame pre-assembled with plastic shrouds for receiving cassettes
- Fitted with rack snaps as standard
- Blanks available if panel is partially loaded

Part Code: RNS2408-UL
UNS Number: 859-30009
EAN: 5022660905667
Pack Size: Single





RAPIDNET BLANK

- Plastic blank for partially loaded panels
- 6 way

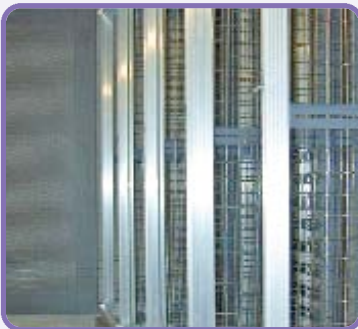
Part Code: RN BLANK
UNS Number: 859-35006
EAN: 5022660901072
Pack Size: 10

C6 & C5E RAPIDNET CABLE MANAGEMENT

- Works in conjunction with the RapidNet mesh
- Tidies up cabinet
- Provides cable strain relief

Part Code: RNCC6+RNCCC
UNS Number: 859-35000
EAN: 5022660901010
Pack Size: Single

Part Code: RNCC5+RNCCC
UNS Number: 859-10001
EAN: 5022660896521
Pack Size: Single



RAPIDNET MESH

- For use in cabinets
- Works in conjunction with RapidNet Cable management clips
- Up to 47U high
- 300 mm deep

Part Code: RN MESH KIT
UNS Number: 859-35007
EAN: 5022660901089
Pack Size: 1 Pair

10G



10G JACK

- Meets 10G System requirements
- Meets ISO/TIA requirements
- Backward compatible with C6 and C5E
- Rugged die cast metal body
- 360 degree shield
- Low EMC system
- Jack life min 1000 insertions

Part Code: RJ45F10GS
UNS Number: 852-25100
EAN: 5022660801341
Pack Size: 10

10G UNLOADED SLIDING PATCH PANEL

- Sliding panel to enable easy access
- 24 ports in 1U
- Earth lead included
- Dual labelling fields
- Rear cable manager

Part Code: 1/2408KSJ/U
UNS Number: 853-50013
EAN: 5022660849138
Pack Size: Single



10G CABLE

- Meets 10G System requirements
- Meets ISO/TIA requirements
- Backward compatible with C6 and C5E
- Low EMC system
- LSOH sheath
- Foil shield with drain wire
- 4 pairs

Part Code: CA140
UNS Number: 851-05042
EAN: 5022660831546
Pack Size: 305m box

10G PATCH LEAD

- Meets 10G System requirements
- Backward compatible with C6 and C5E
- Meets ISO/TIA requirements
- Low EMC system
- LSOH PVC sheath options
- Individual pair foil shield
- Over moulded, shielded RJ45
- Anti snag release clip

Part Code: RJ4510G-xxMSLD
UNS Number: Available upon request
EAN: Available upon request
Pack Size: Single



MPO



MPO SC MODULES

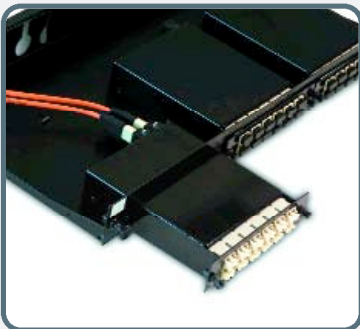
- Black module pre-wired for 12 SC connections via 1 MPO connection
- Designed to fit modular sliding tray panel

Part Code: FB-MPO-MOD-SC
UNS Number: 855-35023
EAN: 5022660875120

MPO LC MODULES

- Black module pre-wired for 24 LC connections via two MPO connections
- Designed to fit modular sliding tray panel

Part Code: FB-MPO-MOD-LC
UNS Number: 855-35024
EAN: 5022660875137



MODULAR SLIDING PANEL

- 19" 1U Black Sliding Panel for 3 Modules
- Supports up to 36 SC connections with 3 MPO links or 72 LC connections with 6 MPO links

Part Code: FB-FP-U-MPO-MM-1U
UNS Number: 855-00199
EAN: 5022660868269

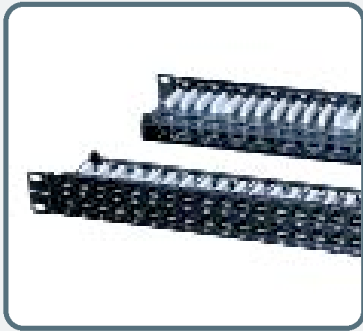
MPO BACKBONE CABLE

- For use in building cabling
- Connects to the rear of an MPO patch panel or fan out
- Made to measure lengths available upon request

Part Code: Available upon request
UNS Number: Available upon request
EAN: Available upon request



ECOBAND



1U 48 PORT C6 & C5E ECOBAND

- High density panel
- Pre-assembled with Rack-Snap for easy installation
- Offered in increments of 6 port modules
- Write-on labels provided for easy identification
- Screen printed numbering system
- Lower layer numbered 1-24
- Top layer numbered 25-48

Part Code: 1/4808IDC C6/BK
UNS Number: 853-35094
EAN: 5022660843617
Pack Size: Single

Part Code: 1/4808IDC C5E/BK
UNS Number: 853-30339
EAN: 5022660843617
Pack Size: Single

ID HANDHELD BARCODE SCANNER

- Records any information that you want to maintain with just the scan of a barcode
- Quickly tracks locations of assets within the facility including equipment used for short-term projects
- Visualise your network on screen
- Starting package 5,000 managed ports up to an unlimited amount of ports
- Port licences available on request
- Barcodes can be added to: RapidNet, MPO and Ecoband



Part Code: ID Hand held PDA
UNS Number: 854-40112
EAN: 5022660865428
Pack Size: Single



C6 & C5E UTP & FTP VIOLET LSOH CABLE

- Exceeds Category 6 requirements
- Perfect for ultra high-speed applications
- Exceeds full duplex Global Crosstalk values
- NVP 66%
- UTP & FTP 4 pair LSOH solid conductor
- Outstanding and stable performance
- Ideal for cost effective system upgrades
- Metre marked

Part Code: CA076
UNS Number: 851-05012
EAN: 5022660801143
Pack Size: 305m

Part Code: CA120
UNS Number: 851-05036
EAN: 5022660801280
Pack Size: 500m

RJ45 RUBBER DUST COVERS

- Rubber dust cover
- Easy to insert/remove where space is limited
- Conforms to ROHS standards

Part Code: DCMJST
UNS Number: 854-40177
EAN: 4944387948851
Pack Size: 100



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