7.0 Cable Management

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- 3U RapidNet
- 3U Space
- WALL BRACKETS
- 3U Hinged
- 2U Hinged

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- 2U Blanking Panel
- 1U Blanking Panel
- Rear Cable Management
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- 1U Angled Cable Management
- 2U Angled Blanking Panel
- 1U Angled Blanking Panel
- Angled Panel Low Profile Cover
- Angled Panel Horizontal Cover and 1U Blanking Panel
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**Rack Snaps**
- Triple
- Single
Patching Frames

45U 2 Post Patching Frame

Features and Benefits
- 45U High, 19” Wide
- Wide foot plate for added stability
- Clear ‘U’ marking front and rear
- Detachable dual hinged door
- Simple bolt together assembly
- Vertical cable management options available

Product Description
The HellermannTyton 2 post patching frame is a 19” wide, 45U high floor standing unit. The wide foot plate ensures good stability and the uprights are double folded to provide additional rigidity. For hardware and patch panel mounting the frame uses Rack Snaps or cage nuts which are also available from HellermannTyton.

The patching frame accommodates the full range of HellermannTyton panels and includes six earthing points to support shielded system installations.

A range of vertical cable managers, end panel and fibre management accessories are available.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Height H (mm)</th>
<th>Width W (mm)</th>
<th>Depth D (mm)</th>
<th>Quantity</th>
<th>Colour</th>
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<tr>
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<td>Black (BK)</td>
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</table>

Subject to technical changes.

Technical Description
The HellermannTyton 2 post patching frame is manufactured from 2mm black powder coated mild steel. The frame is supplied flat packed and is a simple 12 bolt assembly (6 on each side) using captive nuts with mounting holes in the top of the frame for either secondary fixing or for use with the HellermannTyton LightGuide2 fibre management system.
Patching Frames
150mm Wide Vertical Cable Manager

Features and Benefits
- 45U High
- Two width options: 300mm or 150mm
- Finger bar to the front for patch cord management
- Multiple pass through and cable fixing points
- Spool mounting option for improved fibre management

Product Description
The HellermannTyton Vertical Cable Manager is 45U high and available in two width options, 300mm or 150mm, to suit the capacity and positioning of the 2 post patching frame.
The front half of the cable manager is supplied with a detachable dual hinge door and finger bar to manage copper and fibre patch leads.
The rear of the vertical cable manager is designed for backbone/trunk cabling and is fitted with three hinged retainers. The central divider has multiple pass through/access and retaining points for managing and securing cables. 80mm diameter fibre management spools are also available to aid the routing and storage of large volumes of fibre.

Technical Description
The HellermannTyton 2 post frame vertical cable managers are 45U high and manufactured from 3mm black powder coated mild steel.
The cable manager is supplied pre-assembled and is fixed to the 2 post patching frame via four bolts.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Height H (mm)</th>
<th>Width W (mm)</th>
<th>Depth D (mm)</th>
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Subject to technical changes.
Patching Frames

300mm Wide Vertical Cable Manager

Features and Benefits
- 45U High
- Two width options: 300mm or 150mm
- Finger bar to the front for patch cord management
- Multiple pass through and cable fixing points
- Spool mounting option for improved fibre management

Product Description
The HellermannTyton Vertical Cable Manager is 45U high and available in two width options, 300mm or 150mm, to suit the capacity and positioning of the 2 post patching frame.
The front half of the cable manager is supplied with a detachable dual hinge door and finger bar to manage copper and fibre patch leads.
The rear of the vertical cable manager is designed for backbone/trunk cabling and is fitted with three hinged retainers. The central divider has multiple pass through/access and retaining points for managing and securing cables. 80mm diameter fibre management spools are also available to aid the routing and storage of large volumes of fibre.

Technical Description
The HellermannTyton 2 post frame vertical cable managers are 45U high and manufactured from 3mm black powder coated mild steel.
The cable manager is supplied pre-assembled and is fixed to the 2 post patching frame via four bolts.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Height H (mm)</th>
<th>Width W (mm)</th>
<th>Depth D (mm)</th>
<th>Quantity</th>
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<td>Black (BK)</td>
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</table>

Subject to technical changes.
Patching Frames

2 Post Patching Frame End Panel

Features and Benefits
- 45U high
- Manufactured from 3mm Black Powder Coated Mild Steel
- Provides an aesthetic finish to end of row lines

Product Description
The HellermannTyton 2 post patching frame end panel is 45U high and 215mm deep providing an aesthetic finish to end of row lines.

<table>
<thead>
<tr>
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</table>

Subject to technical changes.

Technical Description
The HellermannTyton End Panel is manufactured from 3mm black powder coated mild steel and is easily attached to the 2 post patching frame or vertical cable manager using bolts.
Cable Management Accessories

Out Of Rack - 1U Space/2U RapidNet

Features and Benefits
• 2U RapidNet Ready
• 2 Zero U Cassette Locations
• Maximum capacity 60 Copper Ports or 1440 Fibres
• 600mm width for the narrowest server rack
• Fits any 50mm pitch basket tray
• Vertical cable management into the rack or cabinet

Product Description
This Out of Rack configuration provides 2½U of space which will accommodate 6 port UTP copper and fibre RapidNet cassettes providing a maximum capacity of 60 copper ports of 1440 fibres (when using RapidNet MTP VHD) or a combination of both.

The remaining 1U of space can be used to accommodate a 1U switch or other active equipment.

Out of Rack accessories are available on request and include gland/conduit kits, basket trays and mini patch leads.

Technical Description
This Out of Rack is manufactured from black powder coated mild steel and is designed to house the majority of network patching and connectivity above the rack or cabinet.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Height H (mm)</th>
<th>Width W (mm)</th>
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</table>

Subject to technical changes.

Further information and datasheets at www.htdata.co.uk/products/accessories
Cable Management Accessories

Out Of Rack - 3U RapidNet

Features and Benefits
- 3U RapidNet Ready Cassette Space
- 2 Zero U Cassette Locations
- Maximum capacity 84 Copper Ports or 2016 Fibres
- 600mm width for the narrowest server rack
- Fits any 50mm pitch basket tray
- Vertical cable management into the rack or cabinet

Product Description
This Out of Rack configuration provides 3½U of space which will accommodate 6 port UTP copper and fibre RapidNet cassettes providing a maximum capacity of 84 copper ports or 2016 fibres (when using RapidNet MTP VHD) or a combination of both.
Out of Rack accessories are available on request and include gland/conduit kits, basket trays and mini patch leads.

Technical Description
This Out of Rack is manufactured from black powder coated mild steel and is designed to house the majority of network patching and connectivity above the rack or cabinet.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Height H (mm)</th>
<th>Width W (mm)</th>
<th>Depth D (mm)</th>
<th>Quantity</th>
<th>Colour</th>
<th>Article-No.</th>
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<tbody>
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<td>Black (BK)</td>
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</tbody>
</table>

Subject to technical changes.

Out of Rack with 3U of RapidNet Connectivity

Out of Rack with 3U of RapidNet (front view)

Out of Rack (side view)

Out of Rack (top view)
Cable Management Accessories

**Out of Rack - 3U Space**

*Features and Benefits*

- 600mm width for the narrowest server rack
- Adjustable vertical height
- Single person overhead installation
- Fits any 50mm pitch basket tray
- Vertical cable management into the rack or cabinet
- 2 Zero U Cassette Locations
- RapidNet Ready

*Product Description*

This Out of Rack configuration provides 3U of space to accommodate any patch panels or additional active hardware and 2 Zero U RapidNet cassette locations, giving the user total flexibility with the space and how it is used.

The maximum capacity of the Out of Rack solution can be extended to provide 156 copper ports or 2016 fibres (when using RapidNet 12 Port copper or MTP VHD fibre solutions).

*Technical Description*

This Out of Rack is manufactured from black powder coated mild steel and is designed to house the majority of network patching and connectivity above the rack or cabinet.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Height H (mm)</th>
<th>Width W (mm)</th>
<th>Depth D (mm)</th>
<th>Quantity</th>
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</table>

Subject to technical changes.

Further information and datasheets at [www.htdata.co.uk/products/accessories](http://www.htdata.co.uk/products/accessories)
Cable Management Accessories

**3U Hinged Wall Bracket**

**Features and Benefits**
- Wall mountable
- Hinged bracket
- Cable entry at either top or bottom
- Accommodates up to 3 1U patch panels

**Product Description**
The 3U Hinged Wall Bracket can accommodate up to 3U of patch panels or active equipment and is the ideal solution for installations where there is only a minimum requirement for patching.

![3U Hinged Wall Bracket](image)

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**Technical Description**
The wall bracket is wall mountable with hinged mounting on one side to allow easy access to the rear of any patching or active equipment. The wall bracket is made from 2mm mild steel with a black powder coated finish.

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**2U Hinged Wall Bracket**

**Features and Benefits**
- Wall mountable
- Hinged bracket
- Cable entry at either top or bottom
- Accommodates up to 2 1U patch panels

**Product Description**
The 2U Hinged Wall Bracket can accommodate up to 2U of patch panels or active equipment and is the ideal solution for installations where there is only a minimum requirement for patching.

![2U Hinged Wall Bracket](image)

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**Technical Description**
The wall bracket is wall mountable with hinged mounting on one side to allow easy access to the rear of any patching or active equipment. The wall bracket is made from 2mm mild steel with a black powder coated finish.
Cable Management Accessories

**1U and 2U Front Cable Management**

**Features and Benefits**
- Manages patch leads horizontally
- 1U and 2U options available
- 5 Plastic rings
- Supplied with or without Rack Snap mounting fixings

**Product Description**
Cable management is an important part of any installation. The 1U and 2U front cable management panels come complete with five flexible plastic rings which are designed to aid installations by providing a speedy method of cable dressing.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Height H (mm)</th>
<th>Width W (mm)</th>
<th>Depth D (mm)</th>
<th>Quantity</th>
<th>Colour</th>
<th>Article-No.</th>
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<tr>
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<td>854-05156</td>
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</table>

Subject to technical changes.

**Technical Description**
The front cable management panel is available in both 1U and 2U sizes. Each panel has 5 plastic rings, which hold and support the cables in position. It is recommended that there is provision for cable management for every 2U of cabling or patching in a cabinet or rack.

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Cable Management Accessories

**2U Blanking Panels**

**Features and Benefits**
- Manufactured from 2.0mm matt black powder coated mild steel
- Available in 1U or 2U versions
- Supplied with Rack Snaps as standard

**Product Description**
The HellermannTyton 1U and 2U Blanking Panels are manufactured from 2.0mm matt black powder coated mild steel.

The blanking panels can be used within any standard cabinet or rack reserving space for later utilisation and helping to maintain correct airflow.

The blanking panels are supplied with Rack Snap Mountings as standard, the panel is also available with a Cage Nut Kit, 12 – 24 rack screws or without fixings if required.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Height H (mm)</th>
<th>Width W (mm)</th>
<th>Depth D (mm)</th>
<th>Article-No.</th>
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<tr>
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</table>

All dimensions in mm. Subject to technical changes.
Cable Management Accessories

1U Blanking Panels

Features and Benefits
• Manufactured from 2.0mm matt black powder coated mild steel
• Available in 1U or 2U versions
• Supplied with Rack Snaps as standard

Product Description
The HellermannTyton 1U and 2U Blanking Panels are manufactured from 2.0mm matt black powder coated mild steel.

The blanking panels can be used within any standard cabinet or rack reserving space for later utilisation and helping to maintain correct airflow.

The blanking panels are supplied with Rack Snap Mountings as standard, the panel is also available with a Cage Nut Kit, 12 – 24 rack screws or without fixings if required.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Height H (mm)</th>
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<th>Depth D (mm)</th>
<th>Article-No.</th>
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<tbody>
<tr>
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All dimensions in mm. Subject to technical changes.

Cable Management Accessories

Rear Cable Management

Features and Benefits
• Provides cable strain relief
• Will manage up to 48 cables
• Light weight aluminium construction
• Quick and easy installation
• For use with GigaBand, Alpha Snap, Global and MegaBand Panels

Product Description
The Rear Cable Management bar fits easily onto HellermannTyton’s GigaBand, Alpha Snap, Global and MegaBand panels, providing excellent cable strain relief for rear cables. There are cable anchor points for up to 48 cables, enabling use with high density panels.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Height H (mm)</th>
<th>Width W (mm)</th>
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</table>

Subject to technical changes.

Technical Description
The Rear Cable Management bar is sold in two versions. The CM20000G is compatible with Global and MegaBand panels whereas the CM2000HD is compatible with the GigaBand and Alpha Snap Panels.

Further information and datasheets at www.htdata.co.uk/products/accessories
Cable Management Accessories

**Angled Rear Cable Manager**

**Features and Benefits**
- Provides cable strain relief
- Available in 1U or 2U versions
- Maximum of 48 cables using 1U version

**Product Description**
The HellermannTyton Angled Rear Cable Managers fit easily on to the HellermannTyton range of angled panels.

The Angled Rear Cable Manager comes in 1U and 2U versions and is manufactured from 1.6mm matt black powder coated mild steel.

The 1U version is suitable for use with any HellermannTyton angled 1U 24 port, 1U port or 2U 48 port panel providing strain relief for a maximum of 48 cables. The 2U version can be used with any HellermannTyton 2U angled panel providing strain relief for a maximum of 72 cables.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Height H (mm)</th>
<th>Width W (mm)</th>
<th>Depth D (mm)</th>
<th>Quantity</th>
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</table>

Subject to technical changes.

Further information and datasheets at [www.htdata.co.uk/products/accessories](http://www.htdata.co.uk/products/accessories)
The HellermannTyton 1U and 2U Blanking Panels are manufactured from 1.6mm matt black powder coated mild steel.

The blanking panels can be used within any standard cabinet or rack reserving space for later utilisation and helping to maintain correct airflow.

The blanking panels are supplied with Rack Snap Mountings as standard, the panel is also available with a Cage Nut Kit, 12 – 24 rack screws or without fixings if required.

### Product Description

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Height H (mm)</th>
<th>Width W (mm)</th>
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<th>Article-No.</th>
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<td>854-10049</td>
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</table>

Subject to technical changes.
Cable Management Accessories

**Angled Panel Low Profile Cover**

**Features and Benefits**
- Suitable for use with all HellermannTyton Angled Panels
- Manufactured from 1.6mm matt black powder coated mild steel
- 1U blanking panel to aid separation from other equipment
- Supplied with Rack Snaps as standard

**Product Description**

The HellermannTyton Horizontal Cover and 1U Blanking Panel is manufactured from 1.6mm matt balck powder coated mild steel and is ideally suited for use centrally within the rack or panel.

Specifically designed to fit all HellermannTyton angled panels the horizontal cover and 1U blanking plate removes access to the rear cables and maintains the air flow integrity within the cabinet/rack.

The horizontal cover and 1U blanking plate is supplied with Rack Snap Mountings as standard, the panel is also available with a Cage Nut Kit, 12 – 24 rack screws or without fixings if required.

**Product Details**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Height H (mm)</th>
<th>Width W (mm)</th>
<th>Depth D (mm)</th>
<th>Quantity</th>
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<td>854-40272</td>
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</tbody>
</table>

Subject to technical changes.

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Cable Management Accessories

**Angled Panel Horizontal Cover and 1U Blanking Panel**

**Features and Benefits**
- Suitable for use with all HellermannTyton Angled Panels
- Manufactured from 1.2mm matt black powder coated mild steel
- No additional fixings required

**Product Description**

The HellermannTyton Low Profile Horizontal Cover is specifically designed to fit all HellermannTyton angled panels and is manufactured from 1.2mm matt black powder coated mild steel.

The low profile horizontal cover is ideally suited to being fitted at the top or bottom of the rack/cabinet and removes access to the rear cables and maintains the airflow integrity within the cabinet or rack.

**Product Details**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Height H (mm)</th>
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<th>Depth D (mm)</th>
<th>Colour</th>
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<td>Black (BK)</td>
<td>854-40275</td>
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</tbody>
</table>

Subject to technical changes.
Cable Management Accessories

**1U Angled Shielded Cable Manager**

**Features and Benefits**
- Converts 1U unshielded Angled GST Panel to a shielded panel
- Provides cable strain relief
- Will manage up to 24 cables

**Product Description**
The HellermannTyton Shielded Angled Rear Cable Manager fits easily on to the HellermannTyton 1U angled panel. The Shielded Angled Rear Cable Manager comes in a 1U version and is suitable for use with any HellermannTyton angled 1U 24 port port panel providing strain relief for a maximum of 24 cables.

<table>
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<tr>
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<td>854-05157</td>
</tr>
</tbody>
</table>

Subject to technical changes.

**Technical Description**
The HellermannTyton Shielded Angled Rear Cable Manager is manufactured from 1.6mm plated steel with matt black powder coated management brackets.

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Cable Management Accessories

**1U Brush Strip Panel**

**Features and Benefits**
- Allows front and rear patching
- Helps maintain consistent airflow within a cabinet
- Enables patch cords to be displayed tidily
- 1U presentation with brush strips covering cable entry space

**Product Description**
The 1U brush strip panel makes it possible for front to rear patching, connecting active equipment to patch panels with front presentation. The panel also provides a neat and tidy management solution for the cabinet or rack.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Height H (mm)</th>
<th>Width W (mm)</th>
<th>Depth D (mm)</th>
<th>Quantity</th>
<th>Colour</th>
<th>Article-No.</th>
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<tbody>
<tr>
<td>1CTLB-BRUSH/BK</td>
<td>44.0</td>
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<td>1</td>
<td>Black (BK)</td>
<td>854-05007</td>
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</tbody>
</table>

Subject to technical changes.

**Technical Description**
The brush strip panel presents 2 ‘letter box’ style holes with a brush strip attached to cover the holes. The brushes help maintain a constant airflow within the cabinet or rack.

Further information and datasheets at [www.htdata.co.uk/products/accessories](http://www.htdata.co.uk/products/accessories)
Cable Management Accessories

### Triple Rack Snaps

**Features and Benefits**
- Reduces time taken to install patch panels into a cabinet
- Tool-less Installation
- Suitable for rack mounting plate thicknesses between 1.2mm & 2.4mm
- M5 screw size

**Product Description**
The Triple Rack Snap is supplied in blocks of three, with the screws positioned to the standard patch panel size.
The easy installation of the Rack Snaps enables the installer to quickly position and secure patch panels or active equipment in the rack or cabinet.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Height H (mm)</th>
<th>Width W (mm)</th>
<th>Depth D (mm)</th>
<th>Quantity</th>
<th>Colour</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>RS002</td>
<td>44.0</td>
<td>14.0</td>
<td>19.0</td>
<td>1</td>
<td>Black (BK)</td>
<td>854-40074</td>
</tr>
<tr>
<td>RS100</td>
<td>44.0</td>
<td>14.0</td>
<td>19.0</td>
<td>100</td>
<td>Black (BK)</td>
<td>854-40077</td>
</tr>
</tbody>
</table>

Subject to technical changes.

### Single Rack Snaps

**Features and Benefits**
- Reduces time taken to install patch panels into a cabinet
- Tool-less Installation
- Suitable for rack mounting plate thicknesses between 1.2mm & 2.4mm
- M5 screw size

**Product Description**
The Single Rack Snap is supplied as individual blocks and are fitted with a quality brass M5 sized grommet.
The easy installation of the Rack Snaps enables the installer to quickly position and secure patch panels or active equipment in the rack or cabinet.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Height H (mm)</th>
<th>Width W (mm)</th>
<th>Depth D (mm)</th>
<th>Quantity</th>
<th>Colour</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>RS103</td>
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<td>19.0</td>
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</tr>
<tr>
<td>RS103 (50)</td>
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<td>14.0</td>
<td>19.0</td>
<td>50</td>
<td>Black (BK)</td>
<td>853-15036</td>
</tr>
<tr>
<td>RS103 (100)</td>
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<td>14.0</td>
<td>19.0</td>
<td>100</td>
<td>Black (BK)</td>
<td>854-05151</td>
</tr>
</tbody>
</table>

Subject to technical changes.

### Technical Description
The Triple Rack Snap is available individually or in packs of 100 and is supplied together with M5 screws.

The Single Rack Snap is available individually, in packs of 50 or 100 and require M5 screws. Patch panel installation with the Rack Snap is significantly faster than using cage nuts.

NB: The single rack snaps are not supplied with M5 screws.

Further information and datasheets at [www.htdata.co.uk/products/accessories](http://www.htdata.co.uk/products/accessories)