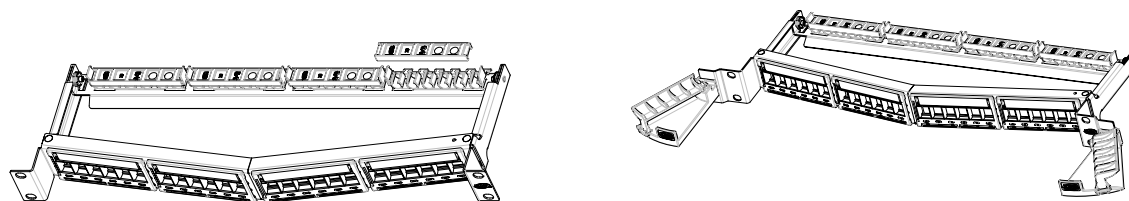


## AMP Hi-D 1U Modular Panel

### 1-1671157-x & 1-1671158-x



### Description:

AMP NETCONNECT AMP Hi-D Style 24 port angled patch panel 1U for unshielded or shielded SL or TWIST style connectors. The universal wiring label permits field installation to either T568A or T568B wiring while simplifying ordering and inventory. The "6-pack" modules accept 12mm labels (included) as well as color-coded icons. Each "6-pack" module comes unloaded enabling each port to be individually replaced if necessary. This design allows for even and repeatable performance testing for each port. Unloaded versions allow installers to make use of the AMP NETCONNECT SL Series Termination Tool (P/N: 1725150-1) for even greater performance standardization and repeatability. The panel includes 4 easy to use cable organizing CaRe-clips mounted on a removable cable management bar. The panel provides integrated bonding options by mounting in the rack and is provided with an additional earthing clamp.

### Specification (text in brackets [ ] requires a choice):

The panel shall be 1U, 24 port, wired to [T568A or T568B] , and shall accept [RJ45, 8 position modular plugs or 4 chamber connectors]. Patch panels shall be configured as 6-port modules with individually replaceable jacks. The front of each module shall be capable of accepting up to 12mm labels. Each port shall be capable of accepting an icon to indicate its function and is numbered for identification. Patch panels shall terminate the building cabling on 110-style insulation displacement connectors. The colour shall be black (RAL 9005). The patch panel shall be recessed for 30mm and shall have an angle of 195° to provide stressless guiding towards the side ducts. The patch panels shall provide an integrated rear cable management bar that shall be removable and tool free. The rear cable management bar shall be equipped with 4 cable organizing clips. The patch panels shall be bonded automatically by mounting in the rack and shall be provided with an additional earthing clamp. [The patch panels shall provide integrated cable management and shall comply to bend radii of installed cables.] Patch panels shall be AMP NETCONNECT part number [insert AMP NETCONNECT part number]

### Part Numbers:

| Description                              | Part Number |
|------------------------------------------|-------------|
| AMP Hi-D modular panel UTP               | 1-1671157-1 |
| AMP Hi-D modular panel STP               | 1-1671157-2 |
| AMP Hi-D <sup>xt</sup> modular panel UTP | 1-1671158-1 |
| AMP Hi-D <sup>xt</sup> modular panel STP | 1-1671158-2 |

**Connector Type:** Unloaded (connectors sold separately)

**Bandwidth:** Depending on connector choice

**Layout:** 1U angled panel based on 4 AMP NETCONNECT SL style  
Connector Housing Interface (6-pack modules) for connector use

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Outgoing Cable Side:</b>   | 24 x Patch Cords / Equipment Cords                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Dimensions:</b>            | 19" 1 height unit, depth:150 mm (PN 1-1671157-X) 19" 1 height unit, depth:150 mm + 100mm (cable manager protruding) (PN 1-1671158-X)                                                                                                                                                                                                                                                                                                               |
| <b>Installation Options:</b>  | Rack-mount or frame mount installation                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Compatible Connectors:</b> | <p>Unshielded connectors (SL style):</p> <p>AMP SL Cat. 5E PN 1375191-X</p> <p>AMP SL Cat. 5E PN 1375190-X (includes shutters)</p> <p>AMP SL Cat. 6 PN 1375055-X</p> <p>AMP SL Cat. 6 PN 1375187-X (includes shutters)</p> <p>Shielded connectors (TWIST style):</p> <p>AMP-TWIST-6S PN 1711342-1</p> <p>AMP-TWIST-6S PN 1711160-1 (includes shutters)</p> <p>AMP-TWIST-7AS PN 1711437-1</p> <p>AMP-TWIST-7AS PN 1711441-1 (includes shutters)</p> |
| <b>Standards:</b>             | <p>ISO/IEC 11801 2<sup>nd</sup> edition Category 7<sub>A</sub>, 6<sub>A</sub>, 7, 6, 5 (depending on connecting hardware)</p> <p>EN 50173-1,2,3,4,5 Category 7<sub>A</sub>, 6<sub>A</sub>, 7, 6, 5 (depending on connecting hardware)</p> <p>TIA/EIA 568-B.2 Category 6<sub>A</sub>, 6, 5 (depending on connecting hardware)</p> <p>EN 55022 Class A and B</p> <p>EN 55024 Class A and B</p>                                                       |
| <b>Materials:</b>             | <p>Connector housing interface (6-Pack module) – Polyester moulding compound, black</p> <p>Panel – galvanised steel, partial unpainted -black powder coat (RAL 9005)</p>                                                                                                                                                                                                                                                                           |
| <b>Packaging:</b>             | Patch panel - 1 per box                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Approvals:</b>             | Link certificates, component certificate                                                                                                                                                                                                                                                                                                                                                                                                           |

Specifications subject to change without notice.

Revised 07/2008

## AMP NETCONNECT Regional Headquarters:

|                                                                                           |                                                                                                 |                                                                                 |                                                                                                      |                                                                             |                                                                                   |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>North America</b><br>Harrisburg, PA, USA<br>Ph: +1-800-553-0938<br>Fx: +1-717-986-7406 | <b>Latin America</b><br>Buenos Aires, Argentina<br>Ph: +54-11-4733-2200<br>Fx: +54-11-4733-2282 | <b>Europe</b><br>Kessel-Lo, Belgium<br>Ph: +32-16-35-1011<br>Fx: +32-16-35-2188 | <b>Mid East &amp; Africa</b><br>Cergy-Pontoise, France<br>Ph: +33-1-3420-2122<br>Fx: +33-1-3420-2268 | <b>Asia</b><br>Hong Kong, China<br>Ph: +852-2735-1628<br>Fx: +852-2735-1625 | <b>Pacific</b><br>Sydney, Australia<br>Ph: +61-2-9407-2600<br>Fx: +61-2-9407-2519 |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------|

## AMP NETCONNECT in Europe, Mid East, Africa and India:

|                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Austria</b> - Vienna<br>Ph: +43-1-90560-1204<br>Fx: +43-1-90560-1270<br><b>Belgium</b> - Kessel-Lo<br>Ph: +32-16-35-1011<br>Fx: +32-16-35-2188<br><b>Bulgaria</b> - Sofia<br>Ph: +359-2-971-2152<br>Fx: +359-2-971-2153<br><b>Czech Rep.-Slov.</b> -Kurin<br>Ph: +420-541-162-112<br>Fx: +420-541-162-132 | <b>Denmark</b> - Glostrup<br>Ph: +45-70-15-52-00<br>Fx: +45-43-44-14-14<br><b>Finland</b> - Helsinki<br>Ph: +358-95-12-34-20<br>Fx: +358-95-12-34-250<br><b>France</b> -Cergy-Pontoise<br>Ph: +33-1-3420-2122<br>Fx: +33-1-3420-2268<br><b>Germany</b> - Langen<br>Ph: +49-6103-709-1547<br>Fx: +49-6103-709-1219 | <b>Greece/Cyprus</b> -Athens<br>Ph: +30-1-9370-396<br>Fx: +30-1-9370-655<br><b>Hungary</b> - Budapest<br>Ph: +36-1-289-1007<br>Fx: +36-1-289-1010<br><b>India</b> - Bangalore<br>Ph: +91-80-2841-2433<br>Fx: +91-80-2841-2155<br><b>Italy</b> - Collegno (Torino)<br>Ph: +39-011-4012-111<br>Fx: +39-011-4012-268 | <b>Lithuania</b> - Vilnius<br>Ph: +370-5-2131-402<br>Fx: +370-5-2131-403<br><b>Netherlands</b> - Den Bosch<br>Ph: +31-73-6246-246<br>Fx: +31-73-6246-958<br><b>Norway</b> - Nesbru<br>Ph: +47-66-77-88-99<br>Fx: +47-66-77-88-55<br><b>Poland</b> - Warsaw<br>Ph: +48-22-4576-700<br>Fx: +48-22-4576-720 | <b>Romania</b> - Bucharest<br>Ph: +40-1-311-3479<br>Fx: +40-1-312-0574<br><b>Russia</b> - Moscow<br>Ph: +7-095-926-55-06<br>Fx: +7-095-926-55-05<br><b>Spain</b> - Barcelona<br>Ph: +34-93-291-0330<br>Fx: +34-93-291-0608<br><b>Sweden</b> -UpplandsVäsby<br>Ph: +46-8-5072-5000<br>Fx: +46-8-5072-5001 | <b>Switzerland</b> - Steinach<br>Ph: +41-71-447-0-447<br>Fx: +41-71-447-0-423<br><b>Turkey</b> - Istanbul<br>Ph: +90-212-281-8181<br>Fx: +90-212-281-8184<br><b>Ukraine</b> - Kiev<br>Ph: +380-44-206-2265<br>Fx: +380-44-206-2264<br>UK - Stanmore, Middx<br>Ph: +44-208-420-8140<br>Fx: +44-208-954-7467 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|