



• Individual Modular PCB's

• Unique Sliding Label System

• Premium Cat5E Performance

### Product Description

Alpha Snap is the premium Cat5E product range from HellermannTyton. Designed to offer exceptional Cat5E performance and to meet the exacting standards of mission critical installations. The patch panel comprises individual modular PCB's giving ultimate flexibility in the case of port damage or failure.

The Alpha Snap panel incorporates HellermannTyton's patented sliding label system, enabling clear and effective port identification.

The Alpha Snap panel is available in both 1U 24 port and 2U 48 port versions and is supplied with HellermannTyton's unique aluminium snap-on rear cable manager and Rack Snap inserts as standard.

### Features and Benefits

- 1U 24 ports and 2U 48 ports panel versions available
- Customised product facia available
- Exceeds all ISO/IEC 11801 and ANSI/TIA/EIA 568-C.2 Cat5E performance standards
- Manufactured to exacting ISO 9001 quality standards
- Accepts Krone style punch down tools
- Includes Rack Snap inserts
- Includes aluminium rear cable management
- Patented sliding label system plus software available
- Can be supplied totally or partially loaded
- 568A or 568B wiring options
- RoHS compliant - lead free
- Backward compatible with Cat5 and Voice

Product Description	Ordering Code	UNS Number
Alpha Snap RJ45 Cat5E - Patch Panel 1U	1/2408IDCHDC5ECM/BK	853-30336
Alpha Snap RJ45 Cat5E - Patch Panel 2U	2-4808IDCHDC5ECM/BK	853-25034

### Technical Description

Alpha Snap HD Cat 5E patch panels are available in high density 1U 24 ports or 2U 48 ports configurations.

Each of the individual PCB modules are mounted in the unique Alpha Snap plastic moulding which is attached to the front panel.

Each PCB module is equipped with a cable retention bar and the end modules of each horizontal row are colour coded and numbered for error free termination.

There are three different types of optional rear cable management, each providing anchor points for cables.

The 'Alpha Label' software package, available for download at [www.htdata.co.uk](http://www.htdata.co.uk) enables straight forward port labelling.

### Dimensions and Product Construction Specification

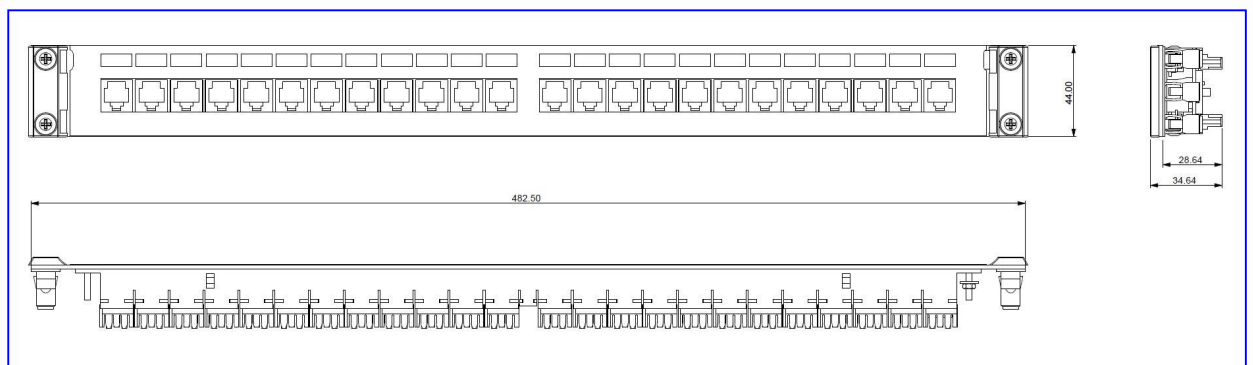
Ordering Code	Height	Width	Depth	Weight (Approx)
1/2408IDCHDC5ECM/BK	44.00mm	482.50mm	134.00mm	1kg
2/4808IDCHDC5ECM/BK	88.00mm	482.50mm	134.00mm	2kg

- Jack life min. 1000 insertions
- Wire gauge 22-24 AWG
- Max. of two wires per IDC contact (same gauge)
- IDC life up to 50 re-terminations

### Applications Supported

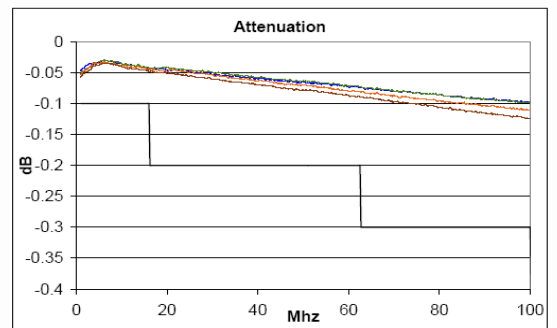
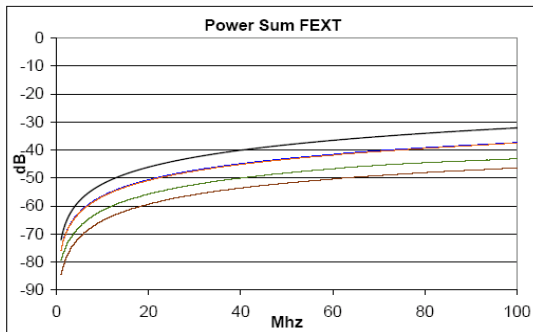
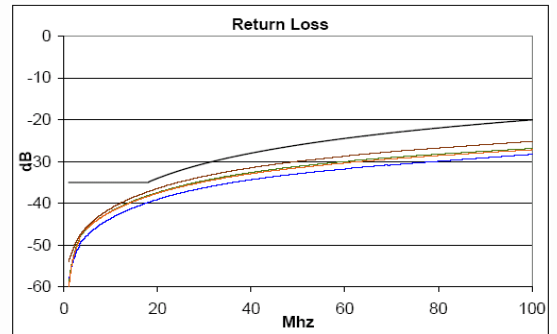
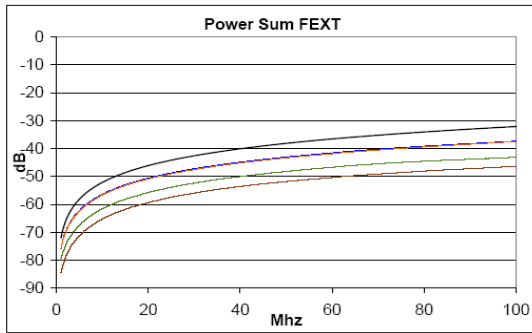
Alpha Snap products are designed to support any data or voice protocol that is capable of running over a Cat5E cabling system and is backwards compatible with existing Cat5 and voice network infrastructure.

### Technical Drawings



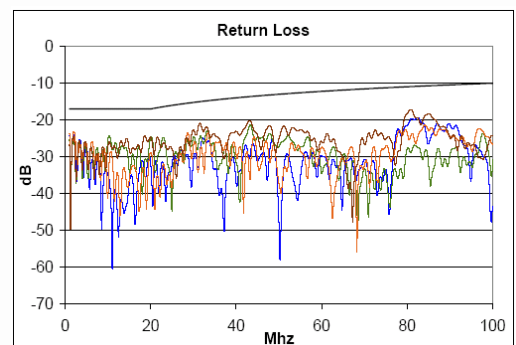
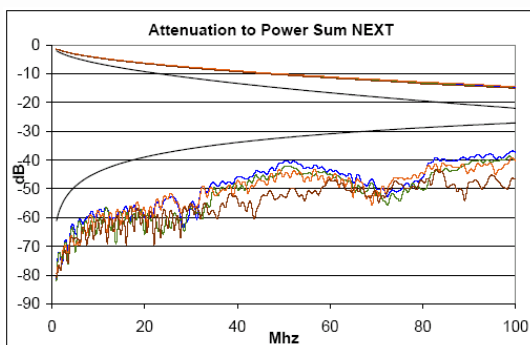
**Connecting Hardware Test  
(Patch Panel only)**

Tested from: 1 MHz  
 Tested to: 100 MHz  
 Standard: ISO/IEC 11801 and ANSI/TIA/EIA 568-C.2  
 Limits: Cat 5E - Connector



**Channel Test  
(Patch Cord, Patch Panel, Cable, Outlet)**

Tested from: 1 MHz  
 Tested to: 100 MHz  
 Standard: ISO/IEC 11801 and ANSI/TIA/EIA 568-C.2  
 Limits: Cat 5E - Channel



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