



- Individual Modular PCB's
- Unique Sliding Label System
- Premium Cat6 Performance

Product Description

GigaBand is the premium Cat6 range from HellermannTyton. Designed to offer exceptional Cat6 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 GigaBand panel incorporates HellermannTyton's patented sliding label system enabling clear and effective port identification.

The GigaBand panel is available in both 1U 24 ports and 2U 48 ports 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 Cat6 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 slide label system plus software available
- Can be supplied totally or partially loaded
- RoHS compliant - lead free
- 568A or 568B wiring options
- Backward compatible with Cat5E, Cat5 and Voice

| Product Description | Ordering Code | UNS Number |
|-------------------------------------|---------------------|------------|
| GigaBand RJ45 - Cat6 Patch Panel 1U | 1/2408IDCNGBHDCM/BK | 853-40075 |
| GigaBand RJ45 - Cat6 Patch Panel 2U | 2/4808IDCNGBHDCM/BK | 853-40107 |

Technical Description

GigaBand Cat6 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's 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 enables straight forward port labelling.

Dimensions and Product Construction Specification

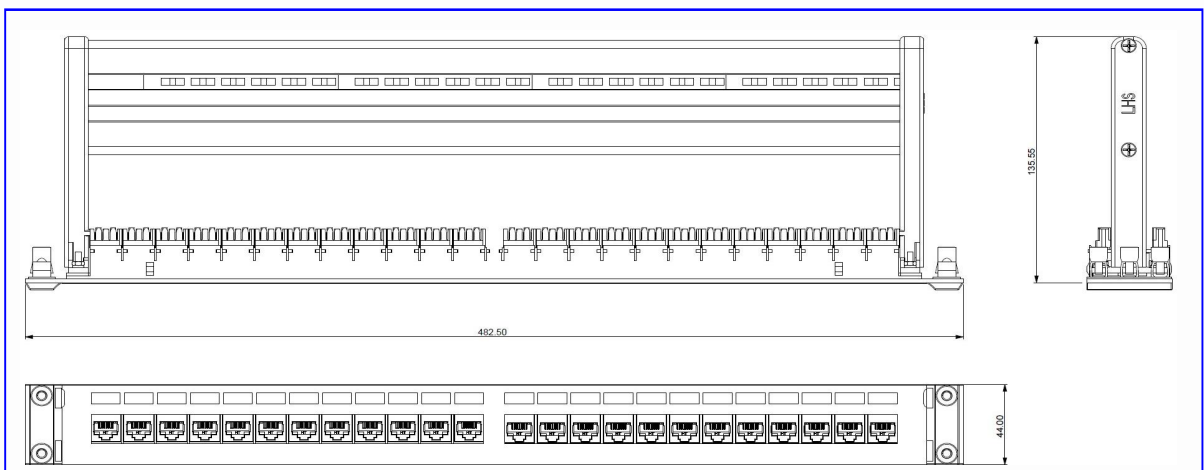
| Ordering Code | Height | Width | Depth | Weight (Approx) |
|------------------|---------|----------|----------|-----------------|
| 1/2408IDCNGBHDCM | 44.00mm | 482.00mm | 135.55mm | 1kg |
| 2/4808IDCNGBHDCM | 88.00mm | 482.00mm | 135.55mm | 2kg |

- Jack life min. 1000 insertions
- Wire gauge 22-26 AWG
- IDC life up to 50 re-terminations
- Max. of two wires per contact (same

Applications Supported

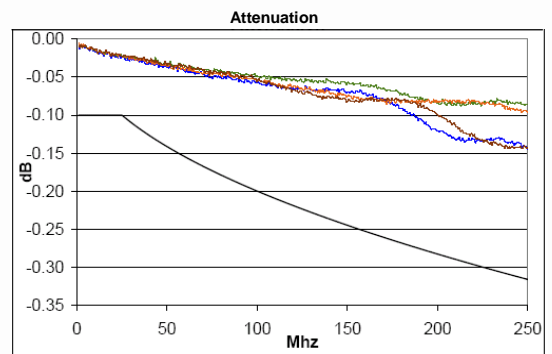
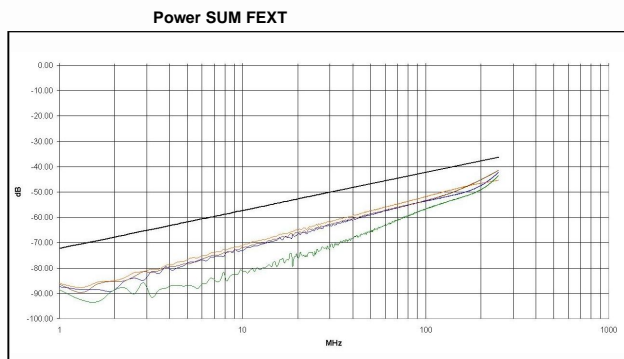
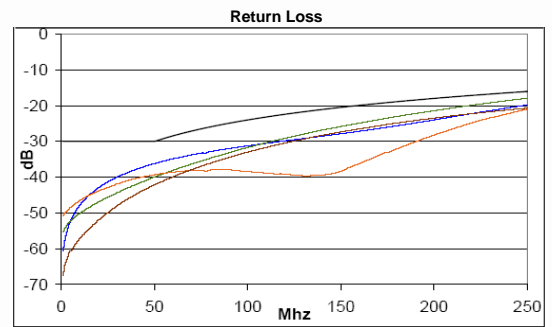
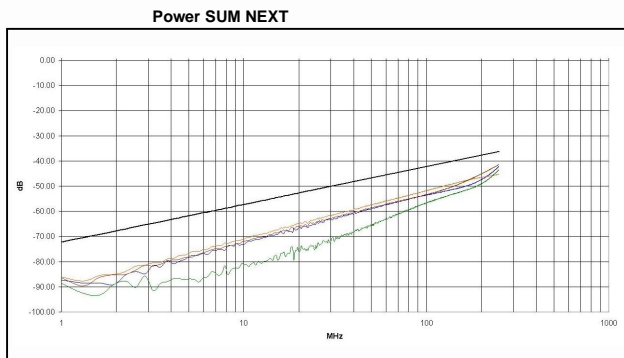
GigaBand products are designed to support any data or voice protocol that is capable of running over a Cat6 cabling system and is backwards compatible with existing Cat5E, Cat5 and voice network infrastructure.

Technical Drawings



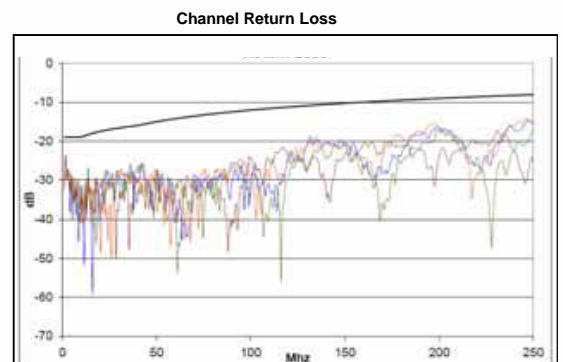
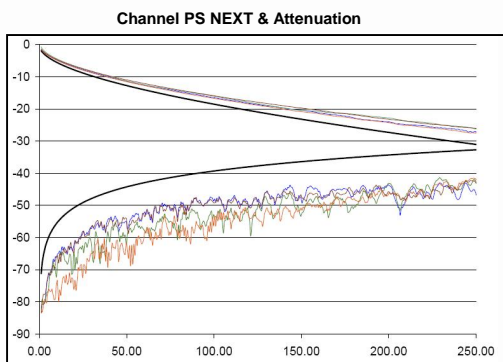
**Connecting Hardware Test
(Patch Panel only)**

Tested from: 1 MHz
 Tested to: 250 MHz
 Standard: ISO/IEC 11801 and ANSI/TIA/EIA 568-C.2
 Limits: Cat6 - Connector



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

Tested from: 1 MHz
 Tested to: 250 MHz
 Standard: ISO/IEC 11801 and ANSI/TIA/EIA 568-C.2
 Limits: Cat6 - Channel



Tel: +44 (0) 1604 707420
 Web: www.htdata.co.uk
 Email: sales@htdata.co.uk