



- High Quality, High Performance Panel

- Dual Labelling Fields

- Rack Snaps as standard

Product Description

The Global Cat6 range of patch panels offer exceptional performance in both the 24 ports 1U panel and the 48 ports 2U panel.

Each panel is constructed of 6 modular units, each offering 4 RJ45 ports. The panel can be supplied partially loaded to meet the exact requirements of the application, giving a cost effective solution.

The Global panel is available with rear cable management and Rack Snaps. The Global panel offers 2 labelling fields as standard with a magnifying lens for clear identification.

Features and Benefits

- Customised product facia available
- Manufactured to exacting ISO 9001 quality standards
- Exceeds all ISO/IEC 11801 and ANSI/TIA/EIA 568-C.2 Cat6 performance standards
- Can be supplied totally or partially loaded
- Snap on aluminium rear cable management also available
- Push on label system (label software also available)
- Available from 24 ports in 1U to 96 ports in 4U configurations
- Accepts Krone style punch down tools
- RoHS compliant - lead free
- 568A or 568B wiring options
- Backward compatible with Cat5E and Cat5

Product Description	Ordering Code	UNS Number
Global RJ45 - Cat6 Patch Panel 1U	1/2408IDCG6/BK	853-45004
Global RJ45 - Cat6 Patch Panel 2U	2/4808IDCG6/BK	853-45009

Technical Description

Available in standard 1U 24 ports and 2U 48 ports, the Global panel range offers quality, performance and value.

Tested to exceed all Exceeds all ISO/IEC 11801 and ANSI/TIA/EIA 568-C.2 Cat6 performance standards, the Global patch panel offers backward compatibility with Cat5E, Cat5 and voice products.

The Jack presentation is a 4 way modular PCB assembly which can be removed and replaced if required. In addition, the panel can be supplied partially loaded in a 4, 8, 12, 16 or 20 jack presentation.

The Global panel is supplied with a comprehensive colour and numbering label on the rear modules to ensure error free terminations.

The 'Alpha Label' software package, available for download at www.htdata.co.uk enables straight forward port labelling.

Dimensions and Product Construction Specification

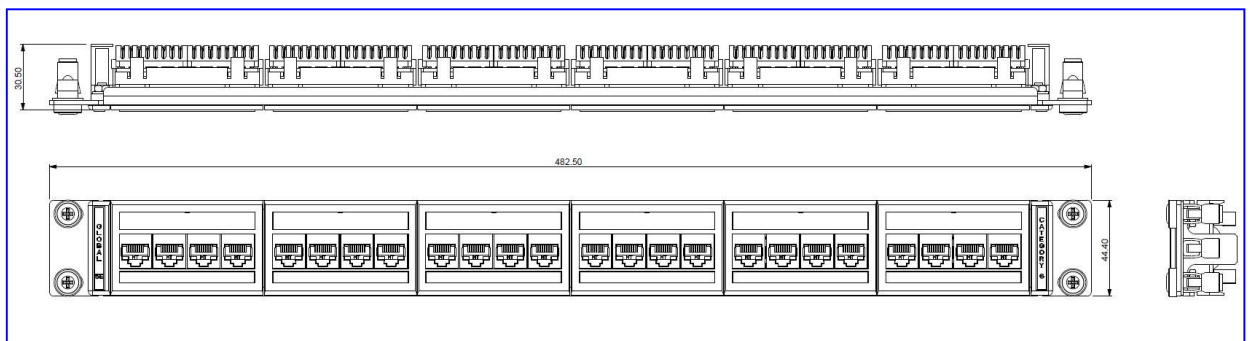
Ordering Code	Height	Depth	Weight (Approx)
1/2408IDCG6/BK	45.00mm	33.00mm	0.7kg
2/4808IDCG6/BK	89.00mm	33.00mm	1.0kg

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

Applications Supported

The Cat6 Global panel is 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.

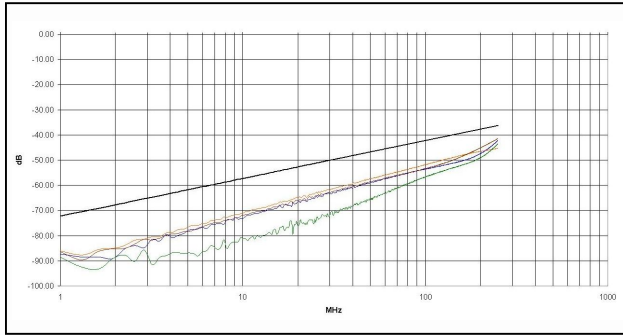
Technical Drawings



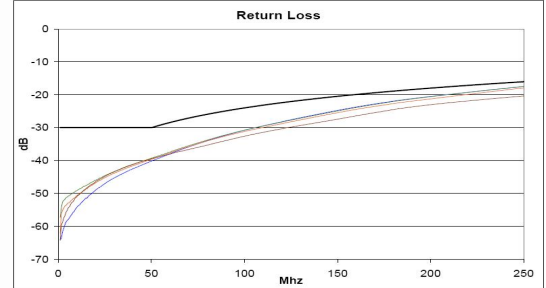
**Connecting Hardware Test
(Patch Panel only)**

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

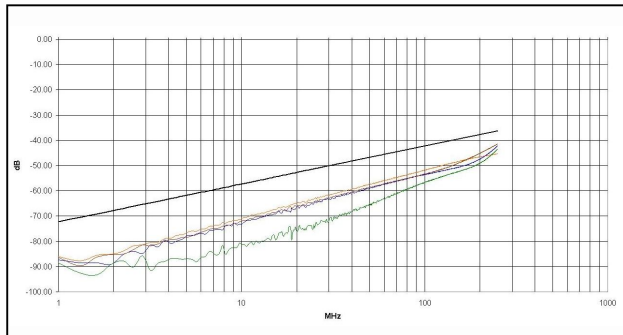
Power SUM NEXT



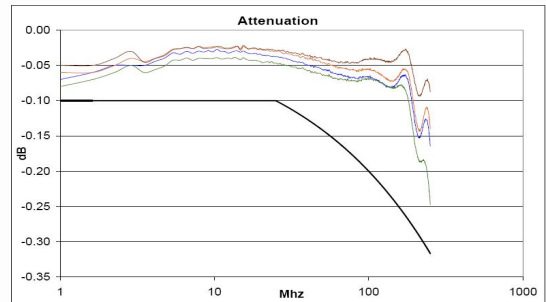
Return Loss



Power SUM FEXT



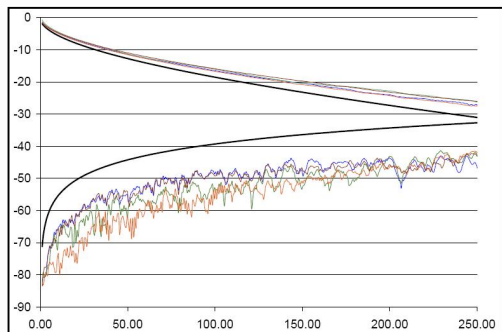
Attenuation



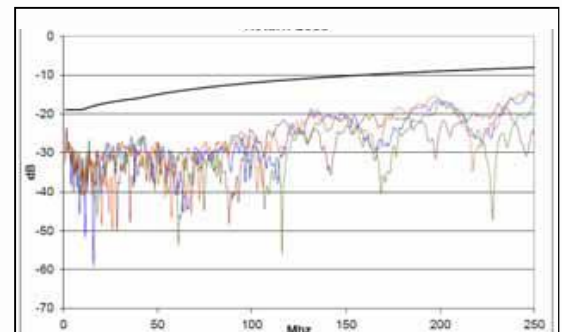
**Channel Test
(Patch Cord, Patch Panel, Cable, Outlet)**

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

Channel PS NEXT & Attenuation



Channel Return Loss



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