

RapidNet—Pod



HellermannTyton's truly unique and patented RapidNet cabling solution has been designed to maximise the concept of pre-termination by including both copper (UTP/FTP) and fibre media. Virtually every traditional cabling scenario can be provided for from the RapidNet portfolio.

As part of the HellermannTyton Network Science product line; RapidNet is a pre-terminated cabling system designed to increase installer productivity and to increase the quality of installations.

Designed to meet the exacting standards of mission critical installations where network down time and poor system performance is not a option.

The pods is designed to present six pre-terminated Category 6 UTP outlets, complete with labelling; each outlet protected by a removable transparent cover to keep the dust and debris of installation away from the jacks.

Produced in the HellermannTyton UK production facility under exacting ISO9000-2000 quality standards, the RapidNet system offers the end-user the perfect combination of Price, performance and Quality.

Technical Description

Rugged and attractive, the white ABS plastic pod is designed to clip into standard floor boxes via a suitable floor box mounting plate. It can also be used as a consolidation point under the floor or within a ceiling void making the Pod an incredibly versatile outlet.

The rounded edges alleviate snagging during the pulling and fixing stages of an installation. For protection during delivery, the pod is

inserted within the cable reel and up to 5 metres of the cable is protected by a black copex sleeve. During installation the pod is simply slid out of the reel ready to be pulled into position.

Designed for a full 6 shuttered outlets, the pods can be split over two or three legs of the RapidNet cable with two or three outlets in each pod.

Features and Benefits

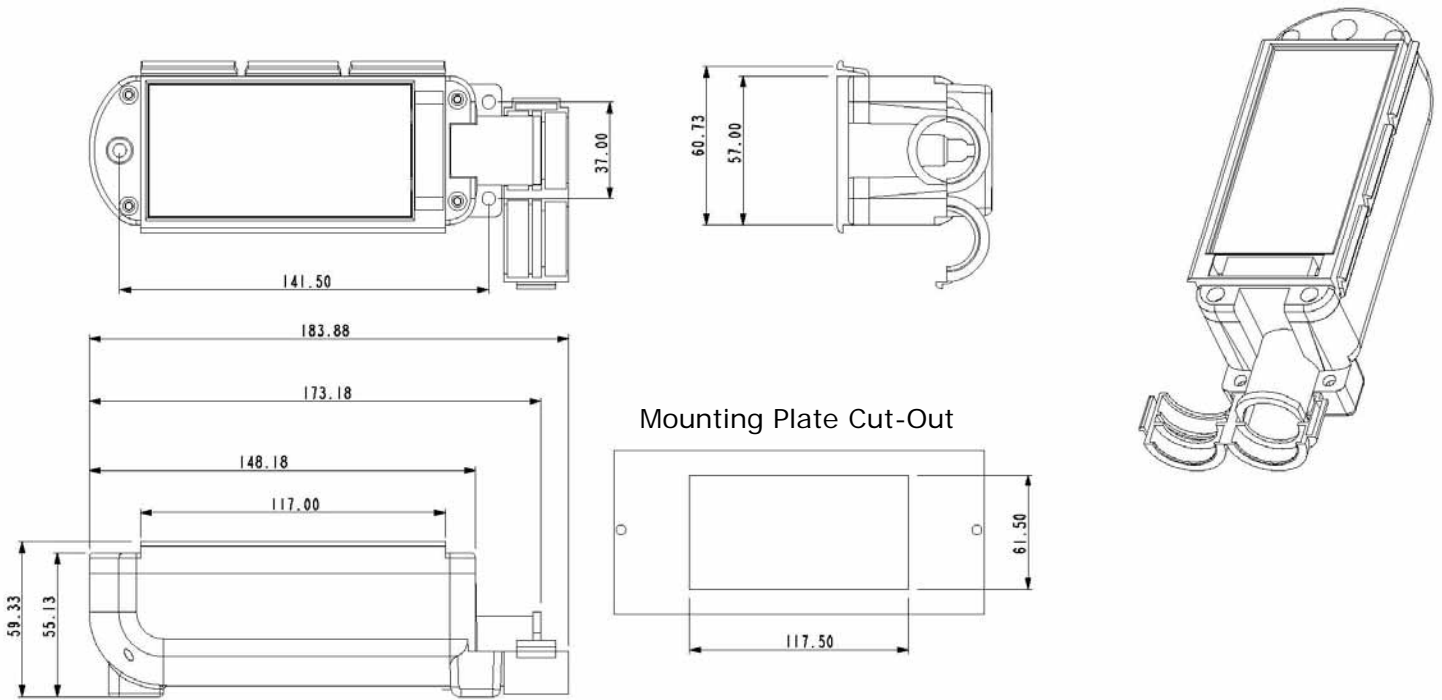
- **6 Port capacity**
- **Individual port modules**
- **Meets all ISO/TIA Category 6 performance standards**
- **Backward compatible with Cat 5E and 5**
- **Available in 2, 3, 4 & 6 port options**
- **Jack life min. 1000 insertions**

Applications

- **Cabinet to Floor Box**
- - Adapter plates available for most floor boxes
- **Under Floor and Ceiling Void**
- - Cabinet to Consolidation Point
- **Business As Usual Refurbishment**
- - 5pm till 9am after hours working
- **Time critical installations**
- - Time Saving
- **Disaster Recovery**
- - Terminated and ready for use
- **Sporting Events**
- - Re-usable for different events

RapidNet RJ45 POD

Dimensions:



Applications Supported

These RapidNet Category 6 products are designed for use in any voice and data guaranteed cabling site under the HellermannTyton Network Sciences package and will support both Gigabit Ethernet and ATM 622 over copper with total reliability. These products also offers enhanced performance for video applications attributed to its return

loss and next performance. The patch panels allow users total flexibility between host and user devices within the cabling network and can support many different known or currently existing protocols by use of suitable baluns or adaptors.

Protocol	Common Pairs	Bit Rate	Bandwidth	Cabling Class used*
Analogue Voice Systems	1	Analogue	< 1MHz	Category 5 (Class D)
Digital Voice Systems	1	Analogue	< 1MHz	Category 5 (Class D)
ISDN	1 & 3	64/128Kbits	< 1MHz	Category 5 (Class D)
ICL	2 & 4	1Mbits	<16MHz	Category 5 (Class D)
10BaseT	2 & 3	10Mbits	16MHz	Category 5 (Class D)
4/16 Mbit Token Ring	1 & 3	4/16Mbits	20MHz	Category 5 (Class D)
100BaseT	2 & 3	100Mbits	32MHz	Category 5 (Class D)
100BaseT4	1, 2, 3 & 4	100Mbits	16MHz	Category 5 (Class D)
155 ATM	2 & 4	155Mbits	100MHz	Category 5E (Class D-2000)
AS400	1 & 2	2Mbits	<16MHz	Category 5 (Class D)
IBM 3270	1 & 2	1Mbits	<16Mhz	Category 5 (Class D)
Baseband Video CCTV, etc.	1	Analogue	<10MHz	Category 5 (Class D)
Building Management Systems	1, 2, 3 & 4	Analogue	<1MHz	Category 5 (Class D)
1000BaseTx	1, 2, 3 & 4	1Gbits	100MHz	Category 5E (Class D-2000)
1000BaseT	2&3	1Gbits	200MHz	Category 6 (Class E-2000)

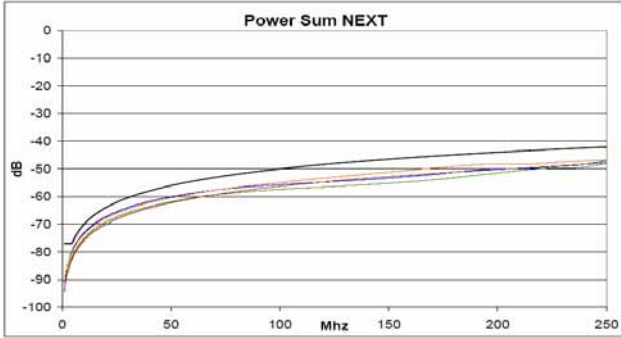
RapidNet—Pod

Connecting Hardware Test

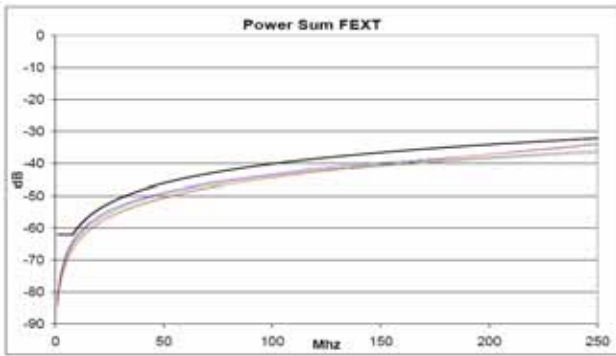
(Patch Panel only)

Tested from: 1 MHz
 Tested to: 250 MHz
 Standard: ANSI/TIA/EIA 568-B.2
 Limits: Category 6 - Connector

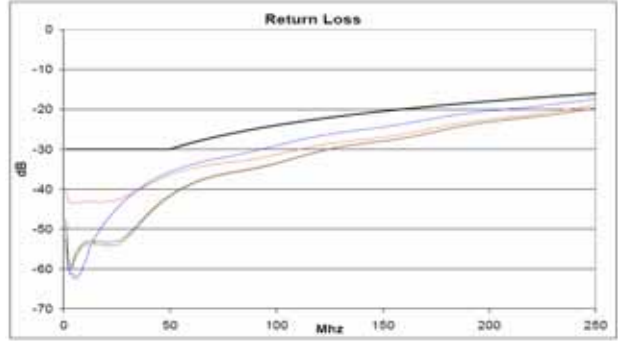
PS NEXT



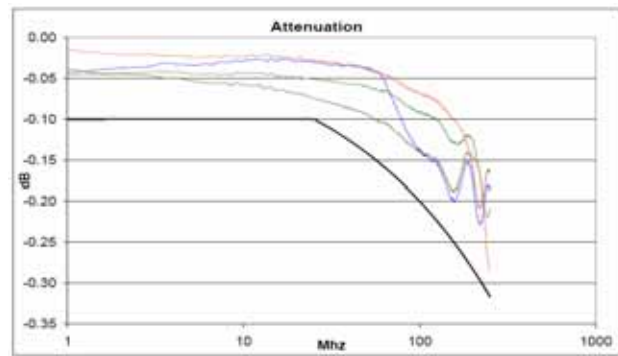
PS FEXT



Return Loss



Attenuation



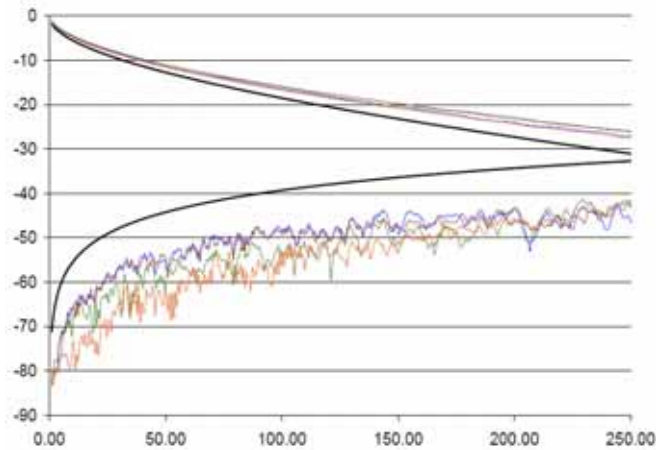
Permanent Link Test

(Cable, Patch Panel, Outlet & Transition Point)

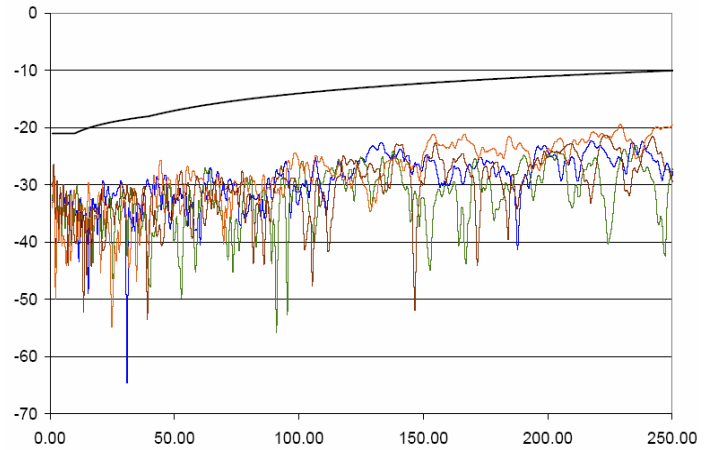
Tested from: 1 MHz
 Tested to: 250 MHz
 Standard: ANSI/TIA/EIA 568-B.1
 Limits: Category 6 - Link

Each of the Pods circuit boards interconnect the high performance RJ45 jack to the IDC blocks, providing performance which when installed with HellermannTyton's category 6 cable easily exceeds the TIA Category 6 and ISO/IEC Class E performance standards.

Link PS NEXT & Attenuation



Link Return Loss



ISO 14001



Certificate No. EMS 504454

HellermannTyton Data Ltd Salthouse Road Cornwell Business Park
 Brackmills Northampton NN4 7EX

Tel +44 (0)1604 707420 Fax +44 (0)1604 705454

Email: sales@htdata.co.uk Home Page: <http://www.htdata.co.uk>

ISO 9001



Certificate No. FM 34289