

UTP & STP Jacks



Features and Benefits

- Available in C3, C5E and C6
- UTP or STP options available
- 110 IDC termination
- Integral cable strain relief
- Coloured jack options available in 12 colours
- Palm tool available for easy on site installation
- Available in singles or bulk packs of 50 pieces
- Configured to both 568A and 568B wiring

Technical Description

- Components manufactured from UL94V-0 thermoplastic material
- The six position jack can be wired as RJ11C, RJ14C or RJ25C
- Jack life min 1000 insertions

Category 3 Modular Jacks

Offered in 3 styles HellermannTyton's Category 3 jacks are designed to give the maximum performance in Category 3 applications. Available in an 8 position, 8 conductor 568A/B connector or USOC connector and a 6 position 6 conductor USOC connector, they ensure the most reliable connection for voice and data applications. The 6 position jack can be wired as an RJ11C (1 pair), RJ14C (2 pair), or RJ25 (3 pair) configuration.

Category 5E Modular Jacks

The C5E modular jack offers exceptional performance that will support Gigabit Ethernet and 622 Mbps ATM applications with complete reliability. This C5E jack meets and exceeds the requirements of TIA/EIA-568-B.2

Cat 6 Modular Jacks

HellermannTyton's C6 modular jack is designed to 'future proof' installations. Its patented design uses innovative crosstalk cancellation technology. The performance of the C6 system provides significant margin over TIA Category 6 and ISO Class E requirements. The C6 system will easily support emerging applications such as Gigabit Ethernet.

Shielded Modular Jacks

HellermannTyton's shielded modular jack is a fully enclosed module and IDC block assembly shielded by a two part die cast zinc alloy casing that snaps together making it one of the quickest shielded jack terminations on the market today. A unique shield termination and cable clamp is also enclosed in the casing. This jack is compatible with the keystone

Available Colours

(W) WHITE	(ORN) ORANGE
(FW) OFFICE WHITE	(BRN) BROWN
(I) IVORY	(BLU) BLUE
(GRY) GREY	(GRN) GREEN
(BLK) BLACK	(VIO) VIOLET
(YEL) YELLOW	(RED) RED



Product Codes

C3

RJ11FC3-X	Category 3 RJ11 Modular Jack X-COLOUR
RJ45FC3U-X	Category 3 RJ45 USOC Modular Jack X-COLOUR
RJ45FC3-X	Category 3 RJ45 Modular Jack X-COLOUR
RJ11FC3B-X	Category 3 RJ11 Modular Jack Bulk X-COLOUR
RJ45FC3B-X	Category 3 RJ45 USOC Modular Jack Bulk X-COLOUR
RJ45FC3B-X	Category 3 RJ45 Modular Jack Bulk X-COLOUR



C5E

RJ45FC5E-X	Category 5E RJ45 Modular Jack X-COLOUR
RJ45FC5EB-X	Category 5E RJ45 Modular Jack Bulk X-COLOUR



C6

RJ45FC6-X	Category 6 RJ45 Modular Jack X-COLOUR
RJ45FC6B-X	Category 6 RJ45 Modular Jack Bulk X-COLOUR



Shielded

KSJ08S5E	Category 5E Shielded Modular Jack
KSJ08S6	Category 6 Shielded Modular Jack



Accessories

PIPT	Punchdown Tool
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* Installed with cables

Connecting Hardware Test

(Module only)

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

Permanent Link Test

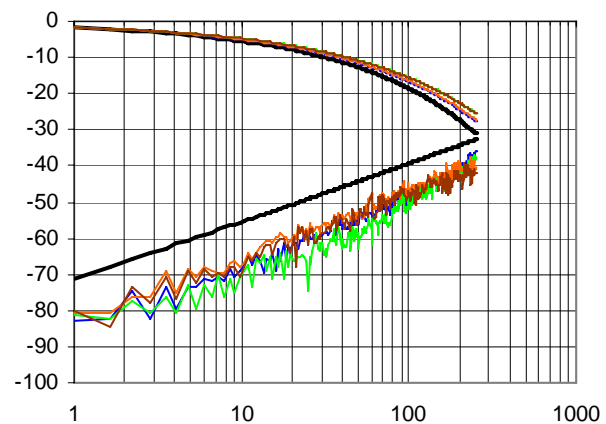
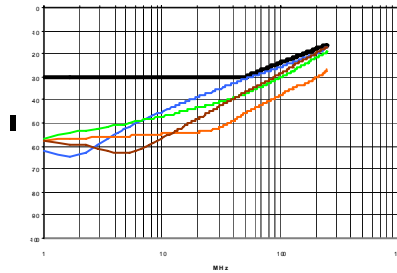
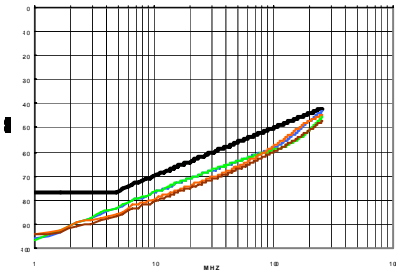
(Cable, Patch Panel, Outlet, Transition Point)

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

PS NEXT

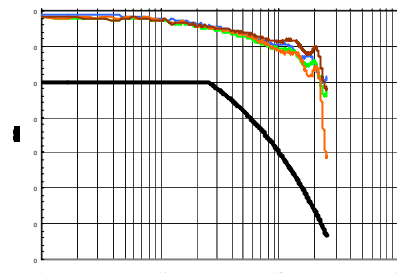
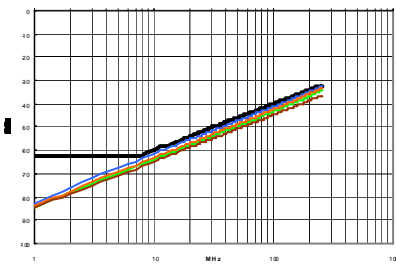
Return Loss

Link PS NEXT & Attenuation



PS FEXT

Attenuation



Applications Supported

6c 45 degree Module is designed for use in any data or voice cabling system that is capable of running over a Category 6 system. The patch allows total flexibility between host and user devices within the cabling network and can support many different known high performance and legacy protocols by the use of baluns or adapters. 6c 45 degree Module's enhanced performance is ideal for video applications attributed to its superior impedance and NEXT performance.

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&4	1Gbits	200MHz	Category 6 (Class E-2000)

ISO 14001



Certificate No. EMS 504454

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ISO 9001



Certificate No. FM 34289