

Modular Jacks

When using HellermannTyton's modular jacks, patch panels, and patch cords with approved horizontal cables, the GigaBand® Category 6 and MegaBand® Category 5e systems far exceed the TIA requirements for structured cabling systems. HellermannTyton's modular jacks are an integral part of the Category 6 and Category 5e systems, offering quality, versatility, and reliability.

Quality –

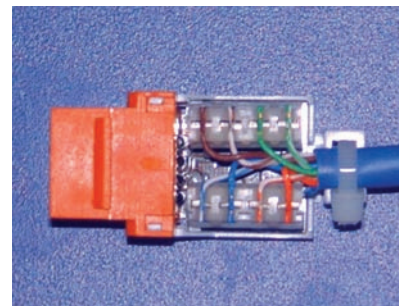
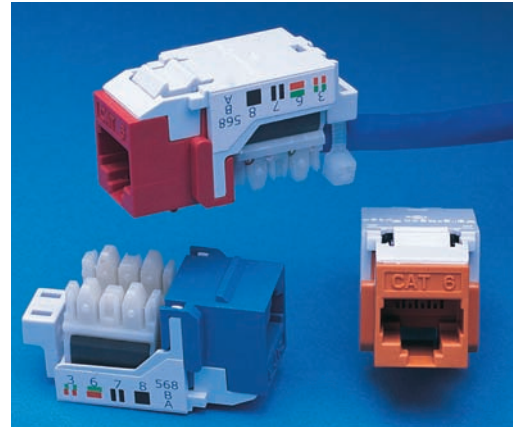
- Standard keystone style interface
- RJ45 terminated to a 110 IDC PCB connector
- Jack life up to 1,000 insertions
- Contact set constructed of phosphor bronze material with 50 micro-inch gold plating
- Components manufactured from UL94V-0 thermoplastic material
- Unique strain relief design secures cable terminations
- Innovative crosstalk cancellation technology – 10 internal contacts (two extra to cancel out crosstalk) and 8 external contacts in standard configuration to accept industry standard patch cords
- Staggered contacts provide superior performance

Versatility –

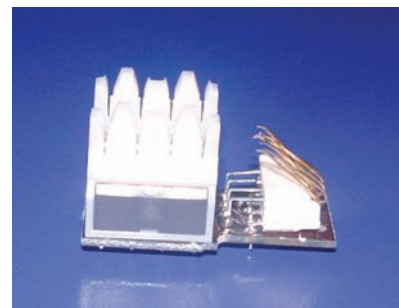
- Configured with both 568A and 568B wiring schemes
- IDC accepts 22-26 AWG solid twisted-pair cable
- Available in 12 colors to match any faceplate or color coding identification
- Palm tool available for easy on-site installation

Reliability –

- RJ45 jacks are factory tested 200 times with an RJ11 plug (4P or 6P) to ensure there is no damage to the contacts
- Each jack is individually tested three times to ensure quality performance
- IDC is factory tested to 50 terminations



Cable strain relief





Patented crosstalk cancellation technology

Category 6 GigaBand® Flush Jack

HellermannTyton's GigaBand flush Category 6 modular jack is designed to "future proof" installations. Its patented design uses innovative crosstalk cancellation technology. The performance of the GigaBand system provides significant margin over TIA Category 6 (TIA/EIA-568-B.2-1) and ISO Class E (ISO/IEC-11801, 2nd edition) requirements. The GigaBand system will easily support emerging applications such as Gigabit Ethernet. **ETL tested and approved for Category 6 component compliance.**

400 MHz
system supports
data rates up to
4.8 Gb/s

Product Selection



Part Number	Description	Pkg. Qty.	Carton Qty.
RJ45FC6-X	Category 6 Flush Mount Keystone Jack	1	50
	Replace "X" in the part number with the following letters for desired color: X = BLK (black), BLU (blue), BRN (brown), FW (office white), GRN (green), GRY (gray), I (ivory), ORN (orange), RED (red), VIO (violet), W (white), YEL (yellow).		
	1 PIPT palm tool included in each carton of 50. For bulk packaging of 50 jacks per box without bags, order part number RJ45FC6B-X See next page for more information		

Category 5e MegaBand® Flush Jack

The MegaBand flush Category 5e modular jack offers exceptional performance that will support Gigabit Ethernet and 622 Mbps ATM applications with complete reliability. This Category 5e jack meets and exceeds the requirements of TIA/EIA-568-B.2.

200 MHz
system supports
data rates up to
2.4 Gb/s

Product Selection

Part Number	Description	Pkg. Qty.	Carton Qty.
RJ45FC5E-X	Category 5e Flush Mount Keystone Jack	1	50
	Replace "X" in the part number with the following letters for desired color: X = BLK (black), BLU (blue), BRN (brown), FW (office white), GRN (green), GRY (gray), I (ivory), ORN (orange), RED (red), VIO (violet), W (white), YEL (yellow).		
	1 PIPT palm tool included in each carton of 50. For bulk packaging of 50 jacks per box without bags, order part number RJ45FC5EB-X See next page for more information		



W (white) FW (office white) I (ivory) GRY (gray) BLK (black) YEL (yellow) ORN (orange) BRN (brown) BLU (blue) GRN (green) VIO (violet) RED (red)

Reference appendix for installation instructions and wiring diagram for modular jacks.

Category 3 Modular Jacks

Offered in three 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 RJ25C (3 pair) configuration.

Product Selection

Part Number	Description	Pkg. Qty.	Carton Qty.
RJ11FC3-X	Category 3 -6P6C RJ11 USOC Flush Mount Jack	1	50
RJ45FC3U-X ①	Category 3 -8P8C RJ45 USOC Flush Mount Jack	1	50
RJ45FC3-X	Category 3 -8P8C RJ45 568A/B Flush Mount Jack	1	50



Replace "X" in the part number with the following letters for desired color:
 X= **BLK** (black), **BLU** (blue), **BRN** (brown), **FW** (office white), **GRN** (green), **GRY** (gray),
I (ivory), **ORN** (orange), **RED** (red), **VIO** (violet), **W** (white), **YEL** (yellow).
 ① Available in **BLK** (black), **FW** (office white), **I** (ivory) and **W** (white).
 1 **PIPT** palm tool included in each carton of 50.

Bulk Modular Jacks

HellermannTyton offers selected flush mount keystone jacks in bulk packs of 50. The bulk pack includes convenient partitions for each jack and includes the palm installation tool and strain relief ties.

Product Selection

Part Number	Description	Pkg. Qty.	Carton Qty.
RJ45FC6B-I	Category 6 Flush Mount Keystone Jack - ivory	50	1 box
RJ45FC6B-FW	Category 6 Flush Mount Keystone Jack - office white	50	1 box
RJ45FC6B-W	Category 6 Flush Mount Keystone Jack - white	50	1 box
RJ45FC6B-BLU	Category 6 Flush Mount Keystone Jack - blue	50	1 box
RJ45FC6B-ORN	Category 6 Flush Mount Keystone Jack - orange	50	1 box
RJ45FC5EB-I	Category 5e Flush Mount Keystone Jack - ivory	50	1 box
RJ45FC5EB-FW	Category 5e Flush Mount Keystone Jack - office white	50	1 box
RJ45FC5EB-W	Category 5e Flush Mount Keystone Jack - white	50	1 box
RJ45FC5EB-BLU	Category 5e Flush Mount Keystone Jack - blue	50	1 box
RJ45FC5EB-ORN	Category 5e Flush Mount Keystone Jack - orange	50	1 box
RJ45FC5EB-RED	Category 5e Flush Mount Keystone Jack - red	50	1 box
RJ45FC5EB-GRN	Category 5e Flush Mount Keystone Jack - green	50	1 box
RJ45FC5EB-GRY	Category 5e Flush Mount Keystone Jack - gray	50	1 box
RJ45FC3B-I	Category 3 Flush Mount Keystone Jack - ivory	50	1 box

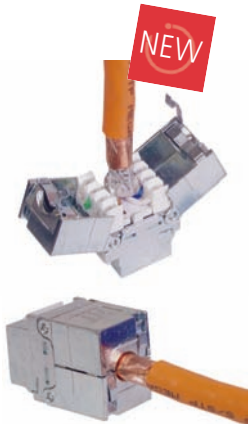


W (white) FW (office white) I (ivory) GRY (gray) BLK (black) YEL (yellow) ORN (orange) BRN (brown) BLU (blue) GRN (green) VIO (violet) RED (red)

Reference appendix for installation instructions and wiring diagram for modular jacks.

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 GigaBand Category 6 product is compatible with HellermannTyton's shielded modular patch panel (PP110MOD24S) and modular faceplates (FPM-X and inserts). PIPT punch down tool can be used for quick and safe termination.

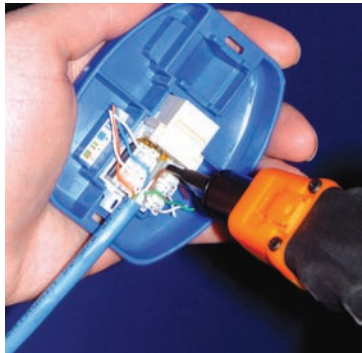


Product Selection

Part Number	Description	Pkg. Qty.
RJ45FC6S	Category 6 Shielded Jack	1

Punch Down Installation Palm Tool

To expedite jack installation, HellermannTyton provides a useful palm tool that fits ergonomically in the hand to ease the punch down process of modular jacks, shielded modular jacks, and individual ports in the AlphaSnap patch panels. One tool is also included in each box of 50 modular jacks.



Product Selection

Part Number	Description	Pkg. Qty.
PIPT	Punch Down Installation Palm Tool	1

Shuttered Jacks - Single Outlet

HellermannTyton's new shuttered jacks offer exceptional performance. Three configurations are available: preassembled with Category 6 jacks, preassembled with Category 5e jacks, or a blank insert that accepts all HellermannTyton keystone jack configurations.

Two single outlets fit into the single gang shuttered faceplate. Its patented slide label system creates a clean appearance. The shutter keeps dirt and dust out when not in use and prevents accidental insertion of an object. Shuttered jacks must be used with HellermannTyton's shuttered jack faceplates. **Jacks are ETL tested and approved for Category 6 component compliance.**



RJ45SKI-FW (jacks sold separately)



RJ45SC6-FW, RJ45SC5E-FW

Product Selection

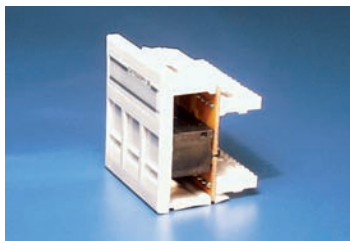
Part Number	Description	Pkg. Qty.
RJ45SKI-FW	RJ45 Shuttered Keystone Insert	1
RJ45SC6-FW	Category 6 Single Outlet Shuttered Jack	1
RJ45SC5E-FW	Category 5e Single Outlet Shuttered Jack	1



Only available in office white. **Must be used with FPHSHUT-FW or FPHSHUT-FW faceplates.**

Shuttered Jacks - Triple Outlet


HellermannTyton's shuttered jacks offer exceptional Category 6 or Category 5e performance. Incorporating three individual modules, one triple outlet fits into the single gang shuttered faceplate. Its patented slide label system creates a clean appearance. The shutter keeps dirt and dust out when not in use and prevents accidental insertion of an object. Shuttered jacks must be used with HellermannTyton's shuttered jack faceplates. Triple outlet modules are also interchangeable with HellermannTyton's AlphaSnap patch panel modules. **ETL tested and approved for Category 6 component compliance.**



Product Selection

Part Number	Description	Pkg. Qty.
RJ45S3C6-FW	Category 6 Triple Outlet Shuttered Jack	1
RJ45S3C5E-FW	Category 5e Triple Outlet Shuttered Jack	1

Only available in office white.



Category 5e Inter-Lock Outlet

HellermannTyton's Category 5e Inter-Lock outlet provides a quick and effective method of controlling network access. Used with HellermannTyton single gang shuttered faceplates, the Inter-Lock outlet is easy to use. A simple turn of the key is all it takes to enable or disable LAN access by cutting off electrical connection to the orange wire, pin #2. Supplied with two keys per outlet, the key cannot be removed while in the "on" position.



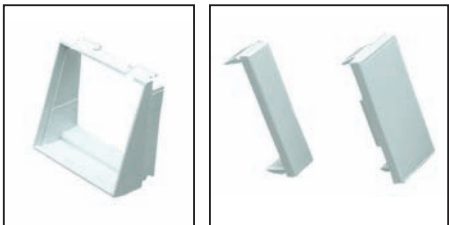
Product Selection

Part Number	Description	Pkg. Qty.
RJ45LC5E-FW	Category 5e Inter-Lock Outlet	1

Only available in office white. Must be used with FPHSHUT-FW or FPSHUT-FW faceplates.

Inserts For Shuttered Faceplates

HellermannTyton's angled insert snaps into the shuttered faceplate to provide for a quick and easy installation and allows two single outlets or one triple outlet in a single gang faceplate. This optimizes the space available and also relieves cable stress by providing a smooth slope for the cable. Two sizes of blank inserts are available. When using a single outlet in the faceplate, choose either 1 x 1U or 2 x 0.5U inserts.



Angled Inserts

Blank Inserts

Product Selection

Part Number	Description	Pkg. Qty.
FPAINsert-FW	Angled Insert for Shuttered Faceplate	1
FP5BLANK-FW	0.5U Blank Insert	1
FP1BLANK-FW	1U Blank Insert	1

Only available in office white.

Horizontal and Vertical Shuttered Jack Faceplates

HellermannTyton's shuttered jack faceplates are available in both horizontal and vertical styles. Designed to be used with shuttered jacks, HellermannTyton's shuttered jack faceplates can fit up to two single outlets or one triple outlet. If a single faceplate is used, options for a 1U or .5U blank insert are available. HellermannTyton's shuttered jack faceplates include an adhesive sticker for easy identification. Horizontal shuttered jack faceplates are designed to be used with HellermannTyton's surface raceway systems.



Shown with one triple outlet



Shown with two single outlets

Product Selection

Part Number	Description	Pkg. Qty.
FPHSUT-FW	Horizontal Shuttered Jack Faceplate	1
FPVSUT-FW	Vertical Shuttered Jack Faceplate	1

Only available in office white.