



# Omni-Plus™

C

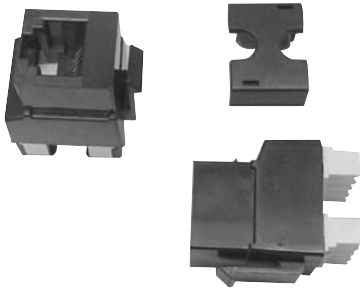
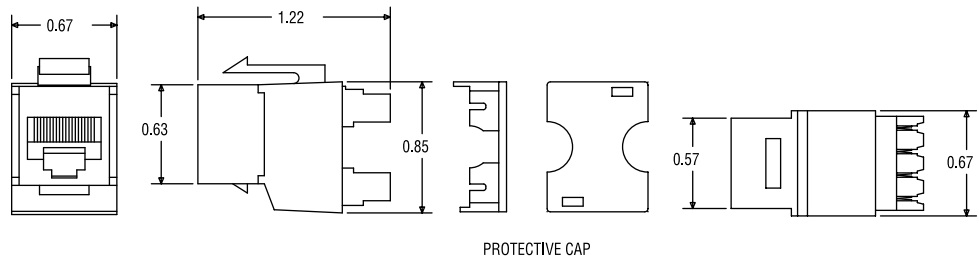
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### Modular Category 5e Jacks

- Universal keystone mounting configuration.
- Labeled for both 568A and 568B wiring.
- Versatile IDC design accommodates 110 or Krone punchdown tools.
- Narrow design for high-density applications.
- Available in a broad range of colors for installation color schemes.

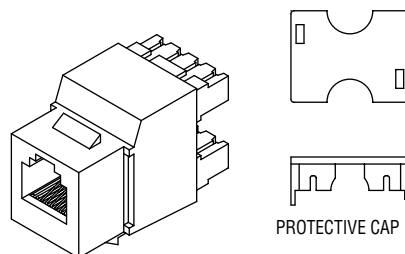
| Cat. No.         | Description                                                       | Color     | Std. Ctn. |
|------------------|-------------------------------------------------------------------|-----------|-----------|
| <b>OPJNUD</b>    | Cat 5e Slim-line UTP Jack, 568A/568B Wiring, Dual 110 / Krone IDC | Black     | 25        |
| <b>OPJNUD-IV</b> | Cat 5e Slim-line UTP Jack, 568A/568B Wiring, Dual 110 / Krone IDC | Ivory     | 25        |
| <b>OPJNUDBL</b>  | Cat 5e Slim-line UTP Jack, 568A/568B Wiring, Dual 110 / Krone IDC | Blue      | 25        |
| <b>OPJNUDBR</b>  | Cat 5e Slim-line UTP Jack, 568A/568B Wiring, Dual 110 / Krone IDC | Brown     | 25        |
| <b>OPJNUDGN</b>  | Cat 5e Slim-line UTP Jack, 568A/568B Wiring, Dual 110 / Krone IDC | Green     | 25        |
| <b>OPJNUDGY</b>  | Cat 5e Slim-line UTP Jack, 568A/568B Wiring, Dual 110 / Krone IDC | Gray      | 25        |
| <b>OPJNUDOR</b>  | Cat 5e Slim-line UTP Jack, 568A/568B Wiring, Dual 110 / Krone IDC | Orange    | 25        |
| <b>OPJNUDOW</b>  | Cat 5e Slim-line UTP Jack, 568A/568B Wiring, Dual 110 / Krone IDC | Off White | 25        |
| <b>OPJNUDPU</b>  | Cat 5e Slim-line UTP Jack, 568A/568B Wiring, Dual 110 / Krone IDC | Purple    | 25        |
| <b>OPJNUDRD</b>  | Cat 5e Slim-line UTP Jack, 568A/568B Wiring, Dual 110 / Krone IDC | Red       | 25        |
| <b>OPJNUDWH</b>  | Cat 5e Slim-line UTP Jack, 568A/568B Wiring, Dual 110 / Krone IDC | White     | 25        |
| <b>OPJNUDYL</b>  | Cat 5e Slim-line UTP Jack, 568A/568B Wiring, Dual 110 / Krone IDC | Yellow    | 25        |



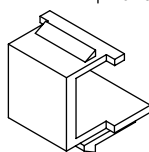
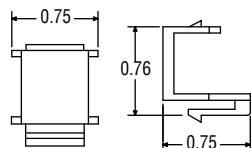
### 6 Conductor RJ-11/R12 Voice Jacks

- Universal keystone mounting configuration.
- Same mounting style as Cat 5e jacks for use in same faceplates.
- Versatile IDC design accommodates 110 or Krone punchdown tools.
- Available in 4 colors (shown below).

| Cat. No.        | Description                 | Color     | Std. Ctn. |
|-----------------|-----------------------------|-----------|-----------|
| <b>OPJ6CVBK</b> | 6 Wire RJ11/RJ12 Voice Jack | Black     | 25        |
| <b>OPJ6CVIV</b> | 6 Wire RJ11/RJ12 Voice Jack | Ivory     | 25        |
| <b>OPJ6CVOW</b> | 6 Wire RJ11/RJ12 Voice Jack | Off White | 25        |
| <b>OPJ6CVWH</b> | 6 Wire RJ11/RJ12 Voice Jack | White     | 25        |



## Port Adapters/Fixed Port Faceplates

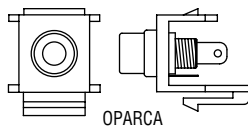


OPAB

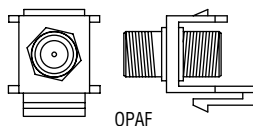
### Port Adapters

- Universal keystone mounting configuration.
- Provides flexibility for video and fiber optic installations.
- Blank port adapters fill unused ports for an aesthetic installation.
- Available in 3 colors (shown below).

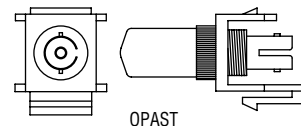
| Cat. No.  | Description                      | Color         | Std. Ctn. |
|-----------|----------------------------------|---------------|-----------|
| OPABWH    | Blank Port Adapter               | White         | 10        |
| OPABOW    | Blank Port Adapter               | Off White     | 10        |
| OPABIV    | Blank Port Adapter               | Ivory         | 10        |
| OPAFWH    | F Connector Port Adapter         | White         | 10        |
| OPAFOW    | F Connector Port Adapter         | Off White     | 10        |
| OPAFIV    | F Connector Port Adapter         | Ivory         | 10        |
| OPABNCWH  | BCN Coupler Port Adapter         | White         | 10        |
| OPASTWH   | ST Coupler Port Adapter          | White         | 10        |
| OPASCWH   | SC Coupler Port Adapter          | White         | 10        |
| OPARCABWH | Black RCA Connector Port Adapter | White Housing | 10        |
| OPARCARWH | Red RCA Connector Port Adapter   | White Housing | 10        |
| OPARCAWWH | White RCA Connector Port Adapter | White Housing | 10        |



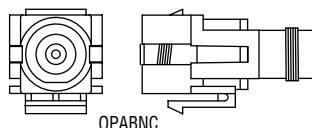
OPARCA



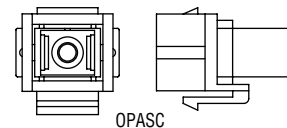
OPAF



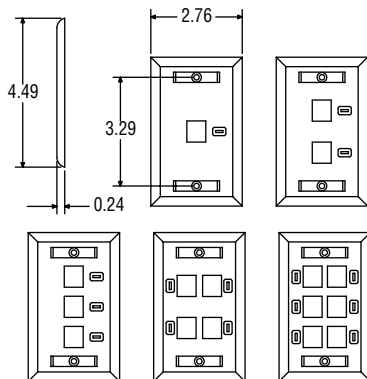
OPAST



OPABNC



OPASC



### Fixed Port Faceplates

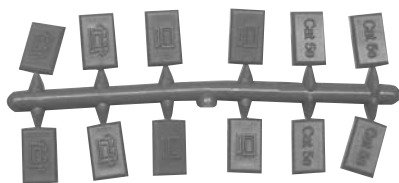
- Standard 1-gang faceplates for keystone jacks and adapters.
- Available in 1, 2, 3, 4 and 6 port configurations.
- Available in white, off white, and ivory.
- Two paper faceplate labels with clear plastic covers for workstation ID.
- Aesthetic textured finish.

| Cat. No.  | Description                       | Color     | Std. Ctn. |
|-----------|-----------------------------------|-----------|-----------|
| OPOFUS1WH | 1-Port Fixed Faceplate w/ Port ID | White     | 10        |
| OPOFUS1OW | 1-Port Fixed Faceplate w/ Port ID | Off White | 10        |
| OPOFUS1IV | 1-Port Fixed Faceplate w/ Port ID | Ivory     | 10        |
| OPOFUS2WH | 2-Port Fixed Faceplate w/ Port ID | White     | 10        |
| OPOFUS2OW | 2-Port Fixed Faceplate w/ Port ID | Off White | 10        |
| OPOFUS2IV | 2-Port Fixed Faceplate w/ Port ID | Ivory     | 10        |
| OPOFUS3WH | 3-Port Fixed Faceplate w/ Port ID | White     | 10        |
| OPOFUS3OH | 3-Port Fixed Faceplate w/ Port ID | Off White | 10        |
| OPOFUS3IV | 3-Port Fixed Faceplate w/ Port ID | Ivory     | 10        |
| OPOFUS4WH | 4-Port Fixed Faceplate w/ Port ID | White     | 10        |
| OPOFUS4OH | 4-Port Fixed Faceplate w/ Port ID | Off White | 10        |
| OPOFUS4IV | 4-Port Fixed Faceplate w/ Port ID | Ivory     | 10        |
| OPOFUS6WH | 6-Port Fixed Faceplate w/ Port ID | White     | 10        |
| OPOFUS6OH | 6-Port Fixed Faceplate w/ Port ID | Off White | 10        |
| OPOFUS6IV | 6-Port Fixed Faceplate w/ Port ID | Ivory     | 10        |

## Port Icons for Fixed Port Faceplates/Port Lables for Fixed Port Faceplates

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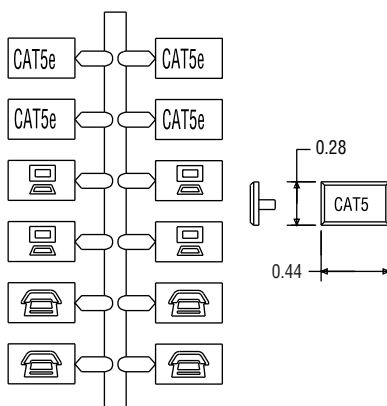
Omni-Plus™



### Port Icons for Fixed Port Faceplates

- Sold as a complete "tree" with 12 icons, one color (i.e., 1 piece of OPOPIBK = 1 tree of 12 black icons).
- Each tree contains four "Cat 5e" icons, four computer log icons, and four telephone logo icons.
- Allows clear identification of port inserts in fixed port faceplates.

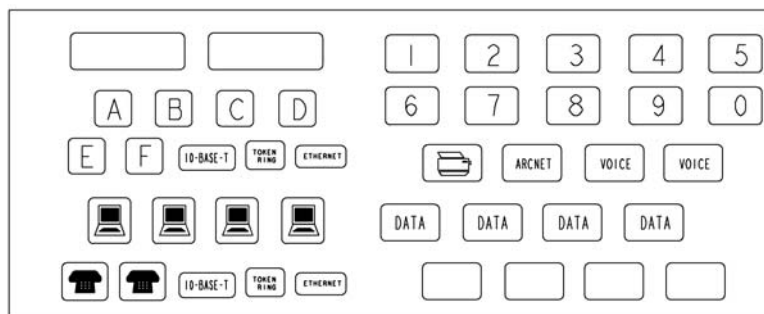
| Cat. No. | Description                          | Color     | Std. Ctn. |
|----------|--------------------------------------|-----------|-----------|
| OPOPIBK  | Port Icons for Fixed Port Faceplates | Black     | 10        |
| OPOPIIV  | Port Icons for Fixed Port Faceplates | Ivory     | 10        |
| OPOPIBL  | Port Icons for Fixed Port Faceplates | Blue      | 10        |
| OPOPIGN  | Port Icons for Fixed Port Faceplates | Green     | 10        |
| OPOPIGY  | Port Icons for Fixed Port Faceplates | Gray      | 10        |
| OPOPIOR  | Port Icons for Fixed Port Faceplates | Orange    | 10        |
| OPOPIOW  | Port Icons for Fixed Port Faceplates | Off White | 10        |
| OPOPIRD  | Port Icons for Fixed Port Faceplates | Red       | 10        |
| OPOPIWH  | Port Icons for Fixed Port Faceplates | White     | 10        |
| OPOPIYL  | Port Icons for Fixed Port Faceplates | Yellow    | 10        |



### Port Lables for Fixed Port Faceplates

- Complete offering of adhesive labels in a single sheet.
- Can be used to clearly identify voice and data activations.

| Cat. No. | Description           |
|----------|-----------------------|
| OPOPL    | Port Labels, Adhesive |



## Modular Surface Mount Boxes/Modular Faceplate

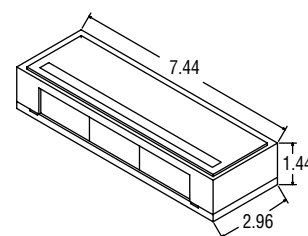
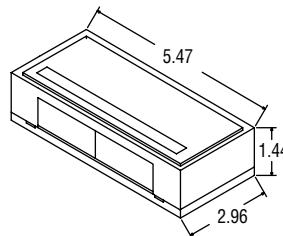
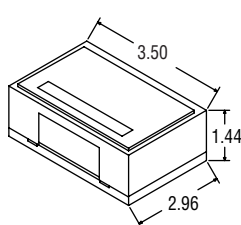


### Modular Surface Mount Boxes

- Surface mount configuration for application flexibility.
- Modular inserts enable easy customization.

| Cat. No.    | Description                                          | Color | Std. Ctn. |
|-------------|------------------------------------------------------|-------|-----------|
| OPOMSMB2-WH | Modular Surface Mount Box, Accepts 1 Modular Insert. | White | 10        |
| OPOMSMB4-WH | Modular Surface Mount Box, Accepts 2 Modular Insert. | White | 10        |
| OPOMSMB6-WH | Modular Surface Mount Box, Accepts 3 Modular Insert. | White | 10        |

**NOTE:** See page C6 for Modular Inserts.

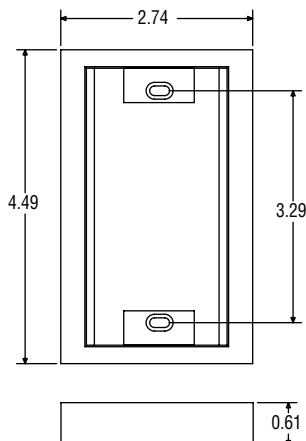


### Modular Faceplate

- Faceplate can be reconfigured to accommodate changing needs.
- Modular inserts enable easy customization.

| Cat. No. | Description                                                | Color | Std. Ctn. |
|----------|------------------------------------------------------------|-------|-----------|
| OPOITTW  | Singular Gang Modular Faceplate, Accepts 3 Modular Insert. | White | 10        |

**NOTE:** See page C6 for Modular Inserts.



## Modular Inserts/4-Port “106” Duplex Adapter



OPOBLSW



OPOMI1J-WH



OPOMI2J-WH



OPOMI1BNC-WH



OPOMI2BNC-WH

### Modular Inserts

- Used with both modular surface mount boxes and modular faceplates.
- Provide data, video and fiber optic connections.

| Cat. No.     | Description                 | Color  | Std. Ctn. |
|--------------|-----------------------------|--------|-----------|
| OPOBLSW      | Blank Insert                | White  | 10        |
| OPOMI1J-WH*  | 1 Port Keystone Jack Insert | White* | 10        |
| OPOMI2J-WH*  | 2 Port Keystone Jack Insert | White* | 10        |
| OPOMI1BNC-WH | 1 Port BNC Coupler Insert   | White  | 10        |
| OPOMI2BNC-WH | 2 Port BNC Coupler Insert   | White  | 10        |
| OPOMI1F-WH   | 1 Port F-Connector Insert   | White  | 10        |
| OPOMI1ST-WH  | 1 Port ST Coupler Insert    | White  | 10        |
| OPOMI2ST-WH  | 2 Port ST Coupler Insert    | White  | 10        |
| OPOMI2SC-WH  | 2 Port SC Coupler Insert    | White  | 10        |

\*Keystone Jacks sold separately, see page C2.



OPOMI1F-WH



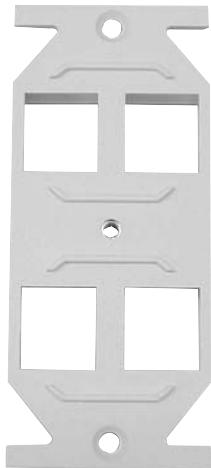
OPOMI1ST-WH



OPOMI2ST-WH



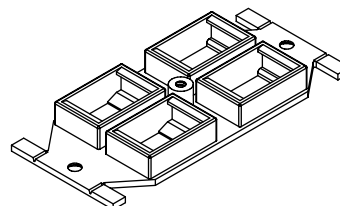
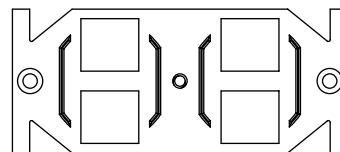
OPOMI2SC-WH



### 4-Port “106” Duplex Adapter

- Can be used in place of a standard duplex receptacle to mount data jacks in an outlet box, floor box, or surface raceway.
- Accepts universal keystone jacks and adapters for maximum flexibility.

| Cat. No. | Description                      | Color     | Std. Ctn. |
|----------|----------------------------------|-----------|-----------|
| OPOD4WH  | 4-Port “106” Duplex Data Adapter | White     | 10        |
| OPOD4OW  | 4-Port “106” Duplex Data Adapter | Off White | 10        |
| OPOD4IV  | 4-Port “106” Duplex Data Adapter | Ivory     | 10        |





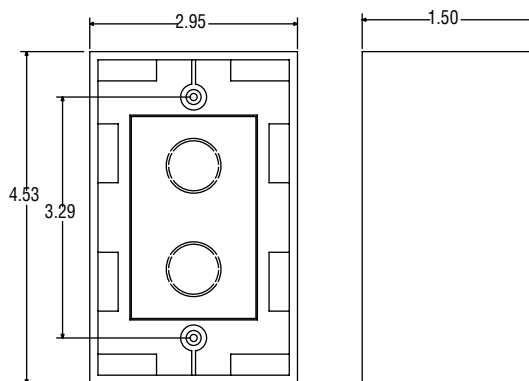
## Surface Mount Single Gang Box/1U 24 Port Category 5e Patch Panel



### Surface Mount Single Gang Box

- Surface mount configuration for application flexibility.
- Rear and side cable entries accommodate coax and optical fiber.
- Accepts fixed and modular faceplates.

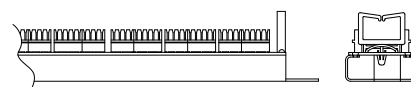
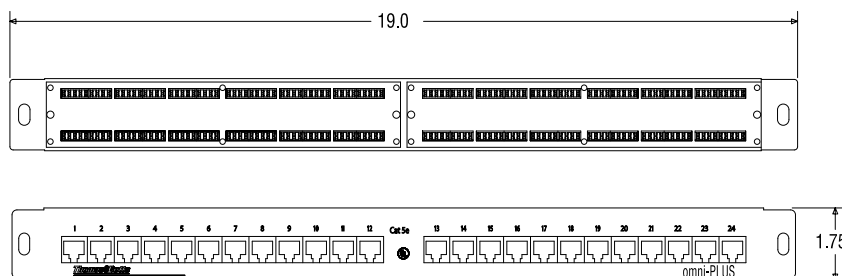
| Cat. No. | Description                   | Color | Std. Ctn. |
|----------|-------------------------------|-------|-----------|
| OPOBITW  | Single Gang Surface Mount Box | White | 10        |



### 1U 24 Port Category 5e Patch Panel

- Category 5e.
- High density 1U 24 port configuration.
- Labeled for both 568A and 568B wiring.
- Versatile IDC design accommodates 110 or Krone punchdown tools.

| Cat. No. | Description                                                           | Std. Ctn. |
|----------|-----------------------------------------------------------------------|-----------|
| OPP24UD  | 24 Port 1U Cat 5e Patch Panel, 568A/568B Wiring, Dual 110 / Krone IDC | 1         |



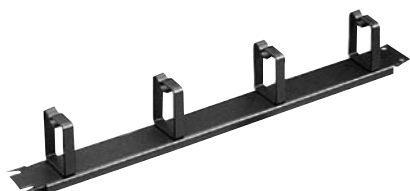
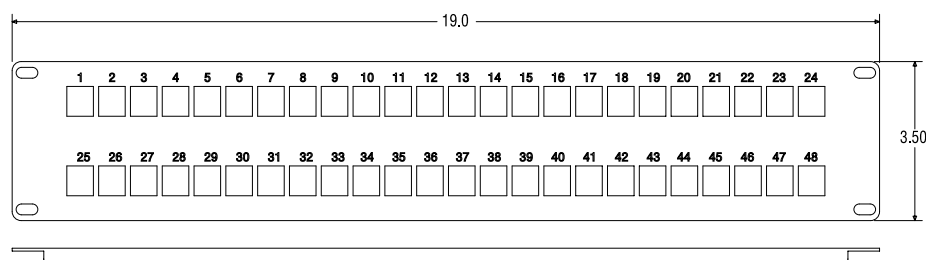
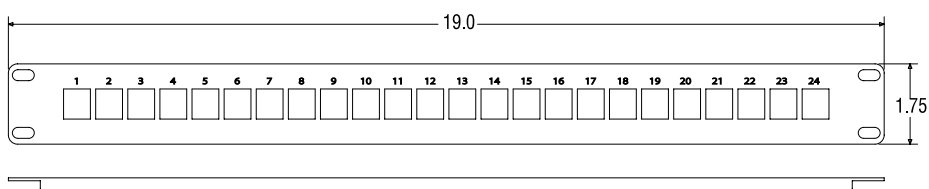
## Blank Modular Patch Panels/Wire Minders



### Blank Modular Patch Panels

- High density 1V 24 port and 2V 48 port configurations.
- Accepts modular keystone jacks and adapter for maximum flexibility.

| Cat. No. | Description                         | Std. Ctn. |
|----------|-------------------------------------|-----------|
| OP24UJ   | Blank 24 Port 1V Patch Panel Insert | 1         |
| OP48UJ   | Blank 48 Port 2V Patch Panel Insert | 1         |



### Wire Minders

- Organizes patch cords for a clean installation.

| Cat. No. | Description                | Std. Ctn. |
|----------|----------------------------|-----------|
| OPP1WM   | 1V 4 Ring Wire Minder      | 1         |
| OPP2WM   | 2V 4 Ring Wire Minder      | 1         |
| OPP3WM   | 3V 4 Ring Deep Wire Minder | 1         |

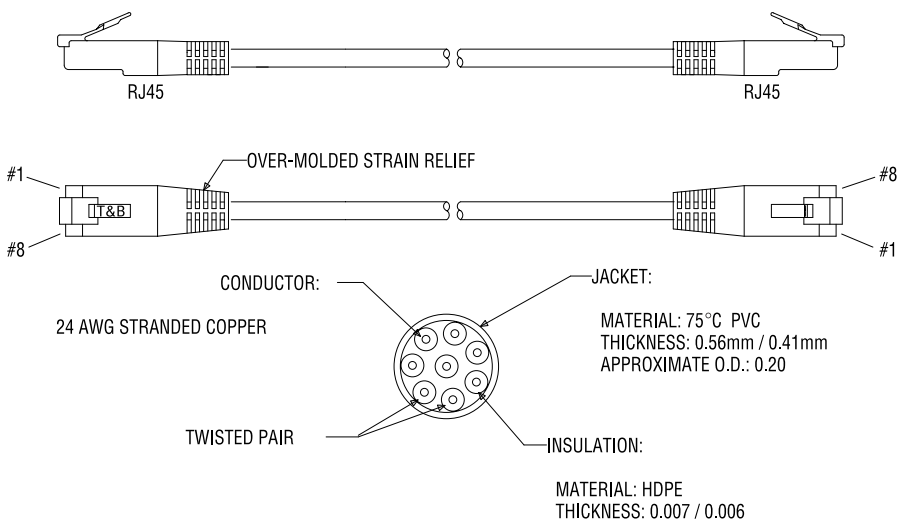




### Category 5e UTP Patch Cords

- Over-molded strain relief for durability, matches cable jacket color.
- Available in 1, 3, 5, 7, 10, and 14 ft. lengths.

| Cat. No.         | Description                         | Color |
|------------------|-------------------------------------|-------|
| <b>OPC1FUGY</b>  | Category 5e Patch Cord, UTP, 1 ft.  | Gray  |
| <b>OPC3FUGY</b>  | Category 5e Patch Cord, UTP, 3 ft.  | Gray  |
| <b>OPC5FUGY</b>  | Category 5e Patch Cord, UTP, 5 ft.  | Gray  |
| <b>OPC7FUGY</b>  | Category 5e Patch Cord, UTP, 7 ft.  | Gray  |
| <b>OPC10FUGY</b> | Category 5e Patch Cord, UTP, 10 ft. | Gray  |
| <b>OPC14FUGY</b> | Category 5e Patch Cord, UTP, 14 ft. | Gray  |



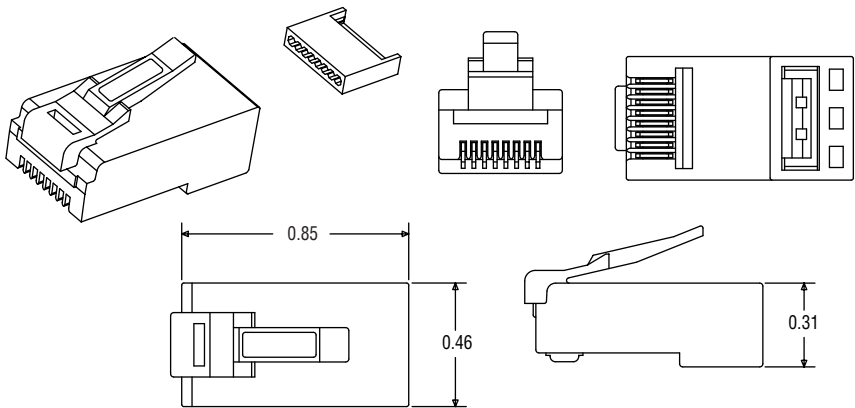


Category 5e Unshielded Modular Plugs

- Clear polycarbonate housing and insert (UL94V-0).
- Plugs terminate 24-26 AWG solid or stranded wire.

| Cat. No. | Description   | Std. Ctn. |
|----------|---------------|-----------|
| OPRJPU   | RJ45 UTP Plug | 25        |

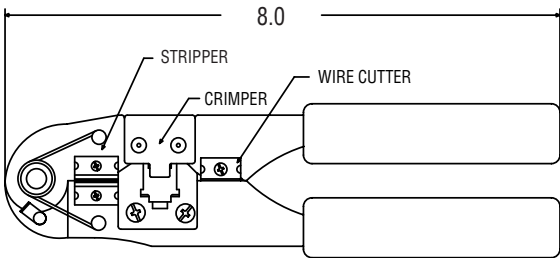
NOTE: Requires crimp tool OPTCP8U for termination.



Crimp Tool for Modular Plug

- Used to crimp 8 position modular plugs.
- Comes with integral cable cutter and stripper.

| Cat. No. | Description                        | Std. Ctn. |
|----------|------------------------------------|-----------|
| OPTCP8U  | Crimp Tool for 8 Position UTP Plug | 1         |



# Omni-Plus™

## Termination Tools



### 110 Punchdown Tool

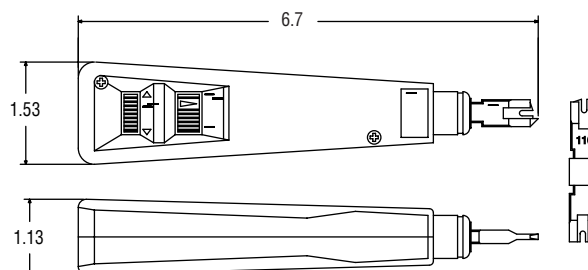
- Combination wire stripper and 110 punchdown tool.
- Reversible tip for 110 or Krone punchdowns.

Cat.  
No.

Description

**OPTOOL110**

Assembly Tool, Combination Wire Stripper /  
110 Punchdown Tool.



### Cable Stripper and 110 Punchdown Tool

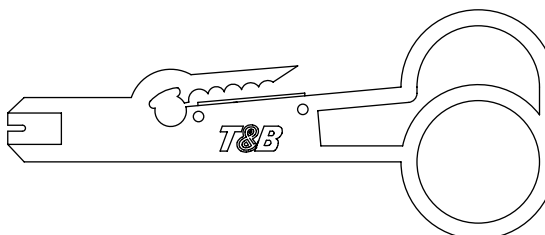
- Combination cable stripper and 110 punchdown tool with an ergonomic design.
- Easy to use.

Cat.  
No.

Description

**OPTS110**

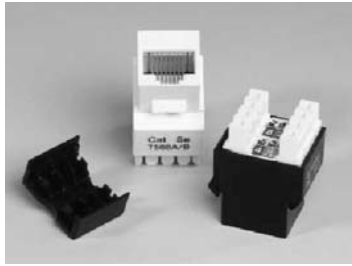
Assembly Tool, Combination Cable Stripper /  
110 Punchdown Tool.



**Thomas & Betts**

## Termination Procedures

OPJ Series Modular  
Jacks, Category 5e,  
UTP, 110/Krone IDC



**STEP 1:** Measure 1¼" from the end of the cable and mark the sheath.



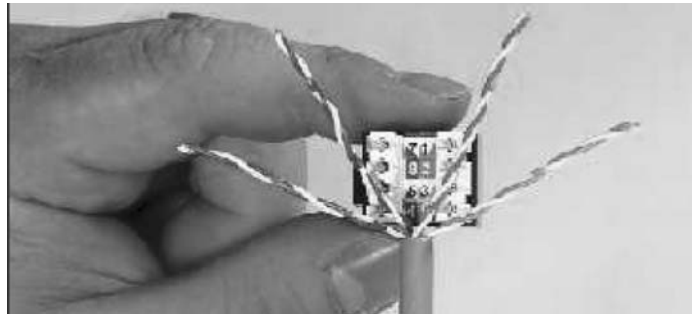
**STEP 2:** Using a stripping tool, carefully score around the cable on the mark...



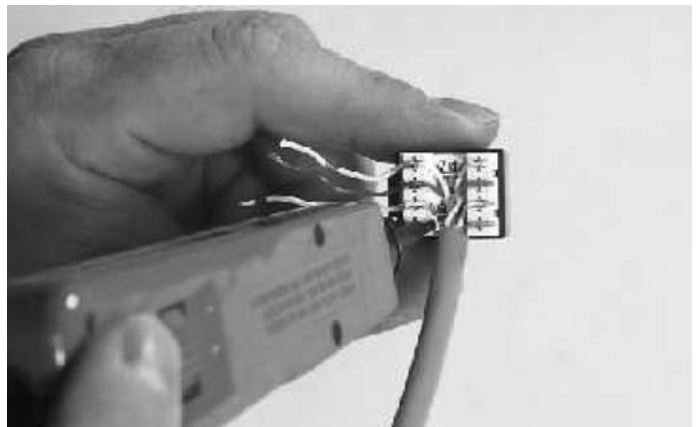
...and remove the end portion of the sheath.



**STEP 3:** Separate the pairs and organize into the correct order for termination on the jack.



**STEP 4:** Without untwisting anymore of the pairs than necessary, lay each pair onto the corresponding IDC contact, making sure each wire is in the correct location.



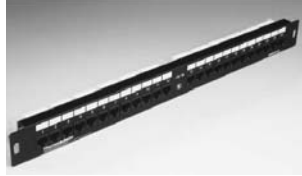
**STEP 5:** Using either a 110 or Krone style termination tool "punchdown" each wire. Ensure that any excess wire cut off during termination is removed and does not fall on any other IDC.



**STEP 6:** Carefully position the cable to allow the cable to exit the connector without having a tight bend and assemble the IDC protection cap onto the jack.

## Termination Procedures

**OPJ Series Modular Jacks,  
Category 5e, UTP, 110/Krone  
IDC**



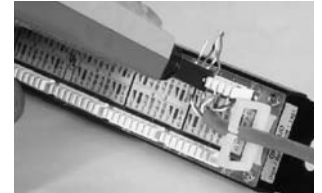
**STEP 4:** Without untwisting anymore of the pairs than necessary, lay each pair onto the corresponding IDC contact. Ensure that each wire is in the correct location.



**STEP 1:** Measure 1¼" from the end of the cable and mark the sheath.



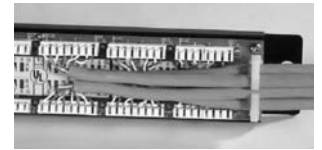
**STEP 5:** Using either a 110 or Krone style termination tool, "punchdown" each wire. Ensure that any excess wire cut off during termination is removed and does not fall on any other IDC.



**STEP 2:** Using a stripping tool, carefully score around the cable on the mark...



**STEP 6:** Continue along the panel ensuring each cable is secured under the cable support clips.



...and remove the end portion of the sheath.



**STEP 3:** Separate the pairs and organize into the correct order for termination to the patch panel.

