


Mini Patch Panels (Break Out Boxes)



The Intelligent Choice for Modular Patching of Voice and Data Lines in Remote or Temporary Installations

- ◆  **UL Listed**
- ◆ **100% Electrically Tested**
- ◆ **Custom Configurations Available**
- ◆ **Mount on a Variety of Surfaces Using Adhesive Snap Ins, Screws, or Optional Magnets**

| Product | Part Number | Description |
|-------------|--|---|
| Patch Panel | CB-R25M25J2C | 25 Pair Telco Connector In to 25 2 Wire Jacks Out. RoHS compliant. |
| Patch Panel | CB-R25MF25J2C | 1 Male and 1 Female Connector In or Out to 25 2 Wire Jacks Out. Wired for M or F In or Out. RoHS compliant. |
| Patch Panel | CB-PX50/25J4C | 2-25 Pair Telco Connectors in to 25 4 Wire Jacks Out. |
| Patch Panel | CB-PX50/16J6C-AT&T CB-PX50/16J6C-USOC | 2-25 Pair Telco Connectors In to 16 6 Wire Jacks Out. Choice of AT&T or USOC Wiring. (See wiring diagram) |
| Patch Panel | CB-PX50/12J8C-AT&T CB-PX50/12J8C-USOC | 2-25 Pair Telco Connectors In to 12 8 Wire Jacks Out. Choice of AT&T or USOC Wiring. (See wiring diagram) |

**Standard Circuit Board
Mini Patch Panel Wiring
Diagrams (2 Pin Jacks)**

Part No.
CB-R25MF25J2C

Two 25 Pair Connectors
One Male/One Female
Bridged and Wired
Identically to Positions
Shown for the
CB-R25M25J2C.
Allows Connection to
Either Male or Female
or Pass-Through to
Another Location.

Part No. **CB-R25M25J2C**

**One 25 Pair Connector
To 25 (2 Pin, 6 Position)
RJ11-Modular Jacks**

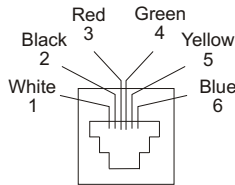
**50 Pin Connector
Position "B"**

| Jack No. | Jack Pin Pos. | Conn. Pin Loc. |
|----------|---------------|----------------|
| 1 | 4 | 26 |
| | 3 | 1 |
| 2 | 4 | 27 |
| | 3 | 2 |
| 3 | 4 | 28 |
| | 3 | 3 |
| 4 | 4 | 29 |
| | 3 | 4 |
| | • | |
| | • | |
| | • | |
| 22 | 4 | 47 |
| | 3 | 22 |
| 23 | 4 | 48 |
| | 3 | 23 |
| 24 | 4 | 49 |
| | 3 | 24 |
| 25 | 4 | 50 |
| | 3 | 25 |

Custom Wired Mini Patch Panel Wiring Diagrams

Part No. CB-PX50/25J4C

**Front View
6-Position Jack**



**Two 25 Pair Connectors (50 PR)
To 25 (4 Pin, 6 Position) RJ14-Modular Jacks**

50 Pin Connectors

Position "A"

| Jack No. | Jack Pin Pos. | Conn. Pin Loc. |
|----------|---------------|----------------|
| 1 | 4 | 26 |
| | 3 | 1 |
| | 2 | 27 |
| | 5 | 2 |
| | 6 | 28 |
| 2 | 3 | 3 |
| | 2 | 29 |
| | 5 | 4 |
| | 4 | 48 |
| | 3 | 23 |
| 12 | 2 | 49 |
| | 5 | 24 |
| | 4 | 50 |
| | 3 | 25 |
| | 2 | 25 |

Position "B"

| Jack No. | Jack Pin Pos. | Conn. Pin Loc. |
|----------|---------------|----------------|
| 13 | 4 | 26 |
| | 3 | 1 |
| | 2 | 27 |
| | 5 | 2 |
| | 4 | 28 |
| 14 | 3 | 3 |
| | 2 | 29 |
| | 5 | 4 |
| | 4 | 48 |
| | 3 | 23 |
| 24 | 2 | 49 |
| | 5 | 24 |
| | 4 | 50 |
| | 3 | 25 |
| | 2 | 25 |

Part No. CB-PX50/16J6C-AT&T

**Two 25 Pair Connectors (50 PR)
To 16 (6 Pin, 6 Position) Modular Jacks**

50 Pin Connectors

Position "A"

| Jack No. | Jack Pin Pos. | Conn. Pin Loc. |
|----------|---------------|----------------|
| 1 | 4 | 26 |
| | 3 | 1 |
| | 2 | 27 |
| | 5 | 2 |
| | 6 | 28 |
| | 1 | 3 |
| 8 | 4 | 47 |
| | 3 | 22 |
| | 2 | 48 |
| | 5 | 23 |
| | 6 | 49 |
| | 1 | 24 |
| | 50 | |
| | 25 | |

Position "B"

| Jack No. | Jack Pin Pos. | Conn. Pin Loc. |
|----------|---------------|----------------|
| 9 | 4 | 26 |
| | 3 | 1 |
| | 2 | 27 |
| | 5 | 2 |
| | 6 | 28 |
| | 1 | 3 |
| 16 | 4 | 47 |
| | 3 | 22 |
| | 2 | 48 |
| | 5 | 23 |
| | 6 | 49 |
| | 1 | 24 |
| | 50 | |
| | 25 | |

Part No. CB-PX50/16J6C-USOC

**Two 25 Pair Connectors (50 PR)
To 16 (6 Pin, 6 Position) Modular Jacks**

50 Pin Connectors

Position "A"

| Jack No. | Jack Pin Pos. | Conn. Pin Loc. |
|----------|---------------|----------------|
| 1 | 4 | 26 |
| | 3 | 1 |
| | 2 | 27 |
| | 5 | 2 |
| | 1 | 28 |
| | 6 | 3 |
| 8 | 4 | 47 |
| | 3 | 22 |
| | 2 | 48 |
| | 5 | 23 |
| | 1 | 49 |
| | 6 | 24 |
| | 50 | |
| | 25 | |

Position "B"

| Jack No. | Jack Pin Pos. | Conn. Pin Loc. |
|----------|---------------|----------------|
| 9 | 4 | 26 |
| | 3 | 1 |
| | 2 | 27 |
| | 5 | 2 |
| | 1 | 28 |
| | 6 | 3 |
| 16 | 4 | 47 |
| | 3 | 22 |
| | 2 | 48 |
| | 5 | 23 |
| | 1 | 49 |
| | 6 | 24 |
| | 50 | |
| | 25 | |

Custom Wired Mini Patch Panel Wiring Diagrams

Part No. **CB-PX50/12J8C-AT&T**

**Two 25 Pair Connectors (50 PR)
To 12 (8 Pin, 8 Position) Modular Jacks**

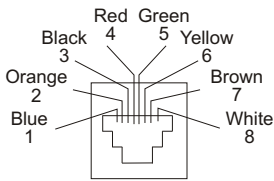
| 50 Pin Connectors | | | | | |
|-------------------|----------|----------------|--------------|----------|----------------|
| Position "A" | | | Position "B" | | |
| Jack No. | Jack Pin | Conn. Pin Loc. | Jack No. | Jack Pin | Conn. Pin Loc. |
| 1 | 5 | 26 | 7 | 5 | 26 |
| | 4 | 1 | | 4 | 1 |
| | 1 | 27 | | 1 | 27 |
| | 2 | 2 | | 2 | 2 |
| | 3 | 28 | | 3 | 28 |
| | 6 | 3 | | 6 | 3 |
| | 7 | 29 | | 7 | 29 |
| | 8 | 4 | | 8 | 4 |
| . | . | . | . | . | . |
| . | . | . | . | . | . |
| . | . | . | . | . | . |
| 5 | 46 | 5 | 46 | | |
| 4 | 21 | 4 | 21 | | |
| 1 | 47 | 1 | 47 | | |
| 2 | 22 | 2 | 22 | | |
| 3 | 48 | 3 | 48 | | |
| 6 | 23 | 6 | 23 | | |
| 7 | 49 | 7 | 49 | | |
| 8 | 24 | 8 | 24 | | |
| 50 | | 50 | | | |
| 25 | | 25 | | | |

Part No. **CB-PX50/12J8C-USOC**

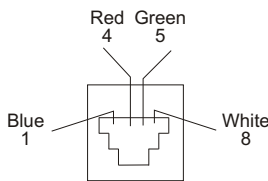
**Two 25 Pair Connectors (50 PR)
To 12 (8 Pin, 8 Position) Modular Jacks**

| 50 Pin Connectors | | | | | |
|-------------------|----------|----------------|--------------|----------|----------------|
| Position "A" | | | Position "B" | | |
| Jack No. | Jack Pin | Conn. Pin Loc. | Jack No. | Jack Pin | Conn. Pin Loc. |
| 1 | 5 | 26 | 7 | 5 | 26 |
| | 4 | 1 | | 4 | 1 |
| | 6 | 27 | | 6 | 27 |
| | 3 | 2 | | 3 | 2 |
| | 7 | 28 | | 7 | 28 |
| | 2 | 3 | | 2 | 3 |
| | 8 | 29 | | 8 | 29 |
| | 1 | 4 | | 1 | 4 |
| . | . | . | . | . | . |
| . | . | . | . | . | . |
| . | . | . | . | . | . |
| 5 | 46 | 5 | 46 | | |
| 4 | 21 | 4 | 21 | | |
| 6 | 47 | 6 | 47 | | |
| 3 | 22 | 3 | 22 | | |
| 7 | 48 | 7 | 48 | | |
| 2 | 23 | 2 | 23 | | |
| 8 | 49 | 8 | 49 | | |
| 1 | 24 | 1 | 24 | | |
| 50 | | 50 | | | |
| 25 | | 25 | | | |

Front View
8-Position RJ45 Jack



Front View
8-Position RJ31X Jack



Part No. **CB-PX50/16J4C-RJ31X**
Two 25 pair connectors wired to positions shown at right. Jack positions 17-25 are blank and not wired.

Part No. **CB-PX50/12J4C-RJ31X**
Two 25 pair connectors wired to positions shown at right. Jack positions 13-25 are blank and not wired.

Part No. **CB-PX50/25J4C-RJ31X**

**Two 25 Pair Connectors (50 PR)
To 25 (4 Pin, 8 Position) Modular Jacks
With Shorting Bars**

| 50 Pin Connectors | | | | | |
|-------------------|----------|----------------|--------------|----------|----------------|
| Position "A" | | | Position "B" | | |
| Jack No. | Jack Pin | Conn. Pin Loc. | Jack No. | Jack Pin | Conn. Pin Loc. |
| 1 | 5 | 26 | 1 | 8 | 26 |
| | 4 | 1 | | 1 | 1 |
| | 5 | 27 | | 8 | 27 |
| | 4 | 2 | | 1 | 2 |
| 2 | 5 | 28 | 3 | 8 | 28 |
| | 4 | 3 | | 1 | 3 |
| | 5 | 29 | | 8 | 29 |
| 3 | 4 | 4 | 4 | 1 | 4 |
| | 4 | 4 | | 1 | 4 |
| . | . | . | . | . | . |
| . | . | . | . | . | . |
| . | . | . | . | . | . |
| 22 | 5 | 47 | 22 | 8 | 47 |
| 4 | 22 | | 22 | 1 | 22 |
| 23 | 5 | 48 | 23 | 8 | 48 |
| 4 | 23 | | 23 | 1 | 23 |
| 24 | 5 | 49 | 24 | 8 | 49 |
| 4 | 24 | | 24 | 1 | 24 |
| 25 | 5 | 50 | 25 | 8 | 50 |
| 4 | 25 | | 25 | 1 | 25 |