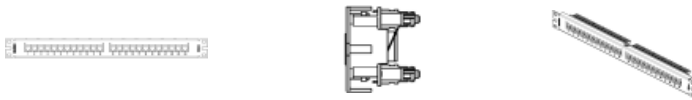


## AX103260 Faceplates and Panels - HD Patch Panel - HD-Style



For more Information  
please call

1-800-Belden1



### General Description:

CAT5E HD-BIX Patch Panel, 24-port, 1U, Black

### Usage (Overall)

|                        |   |
|------------------------|---|
| Suitable Applications: | IBDN System 1200, TIA Category 5e, ISO Class D, 1000BASE-T, 100BASE-T |
| Related Parts:         | CAT5E Modular Cords   |

### Physical Characteristics (Connectivity)

#### Capacity

|                |   |
|----------------|---|
| Max. Capacity: | 24 connectors ( Patch Panel is already loaded ) |
|----------------|---|

#### Access

|                   |       |
|-------------------|-------|
| Front Connection: | Flush |
| Termination Area: | Rear  |

#### Dimensions

##### Dimensions:

| Height (in.) | Width (in.) | Depth (in.) |
|--------------|-------------|-------------|
| 1.750        | 19.000      | 1.500       |

#### Materials

##### Materials:

| Description | Material |
|-------------|----------|
| Panel       | Steel    |

#### Color

|        |       |
|--------|-------|
| Color: | Black |
|--------|-------|

#### Weight

|         |            |
|---------|------------|
| Weight: | 1.200 lbs. |
|---------|------------|

#### Included Parts

|                 |  |
|-----------------|--|
| Included Parts: | 4 Screws (10x32); 4 Screws (12x24); 1 Printable LabelFlex Half-Sheet;, 1 Installation Guide. |
|-----------------|--|

#### Packaging

|            |   |
|------------|---|
| Packaging: | Individually packaged in a cardboard box. |
|------------|---|

### Mechanical Characteristics (Connectivity)

|                            |      |
|----------------------------|------|
| Footprint/Type:            | HDPP |
| Plug / Jack Compatibility: | RJ45 |

#### Termination Interface:

| Termination | Connection       | Durabilities  |
|-------------|------------------|---------------|
| Front       | Mated Connection | 750 Cycles    |
| Rear        | IDC Connection   | 10 Insertions |

#### Termination Characteristics:

| Termination Characteristic |
|----------------------------|
| Universal T568A/B          |

|                                 |                                |
|---------------------------------|--------------------------------|
| Storage Temperature Range:      | -40°C To +70°C                 |
| Installation Temperature Range: | -10°C To +60°C                 |
| Operating Temperature Range:    | -10°C To +60°C                 |
| Tool Compatibility:             | BIX Connecting Tool (A0270165) |

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Other Standards:                | FCC Part 68, Subpart F, IEC 60603-7 |
| EU Directive 2002/95/EC (RoHS): | Yes                                 |

## AX103260 Faceplates and Panels - HD Patch Panel - HD-Style

|                                       |   |
|---------------------------------------|---|
| EU RoHS Compliance Date (mm/dd/yyyy): | 07/01/2006  |
| MII Order #39 (China RoHS):           | EUP 50  |
| Telecommunications Standards:         | Category 5e - TIA 568.B.2, Category 5 - ISO/IEC 11801:2002 Ed.2 |
| Safety Listing:                       | ACA, Bi-national Standard Listed                                |

### Suitability

|                       |     |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

### Transmission Characteristics (Connectivity)

Mated Connection Table 1:

| Frequency (MHz) | Max. Insertion Loss TIA* (dB) | Max. Insertion Loss Belden** (dB) | Min. NEXT TIA* (dB) | Min. NEXT Belden** (dB) | Min. FEXT TIA* (dB) | Min. FEXT Belden** (dB) |
|-----------------|-------------------------------|-----------------------------------|---------------------|-------------------------|---------------------|-------------------------|
| 1.000           | 0.100                         | 0.100                             | 65.000              | 77.000                  | 65.000              | 67.000                  |
| 4.000           | 0.100                         | 0.100                             | 65.000              | 73.000                  | 63.100              | 65.000                  |
| 8.000           | 0.100                         | 0.100                             | 64.900              | 66.900                  | 57.000              | 58.900                  |
| 10.000          | 0.100                         | 0.100                             | 63.000              | 65.000                  | 55.100              | 57.000                  |
| 16.000          | 0.100                         | 0.100                             | 58.900              | 60.900                  | 51.000              | 52.900                  |
| 20.000          | 0.100                         | 0.100                             | 57.000              | 59.000                  | 49.100              | 51.000                  |
| 25.000          | 0.100                         | 0.100                             | 55.000              | 57.000                  | 47.100              | 49.000                  |
| 31.250          | 0.110                         | 0.100                             | 53.100              | 55.100                  | 45.200              | 47.100                  |
| 62.500          | 0.160                         | 0.120                             | 47.100              | 49.100                  | 39.200              | 41.100                  |
| 100.000         | 0.200                         | 0.160                             | 43.000              | 45.000                  | 35.100              | 37.000                  |
| 160.000         |                               | 0.210                             |                     | 40.900                  |                     | 32.900                  |

Mated Connection Table - Footnote:

\* TIA-EIA-568-B.2 Category 5e Standard. \*\* Worst-case performance for a CAT5E mated connection using CAT5E modular plugs.

Mated Connection Table 2:

| Frequency (MHz) | Min. Return Loss TIA* (dB) | Min. Return Loss Belden** (dB) |
|-----------------|----------------------------|--------------------------------|
| 1.000           | 30.000                     | 32.000                         |
| 4.000           | 30.000                     | 32.000                         |
| 8.000           | 30.000                     | 32.000                         |
| 10.000          | 30.000                     | 32.000                         |
| 16.000          | 30.000                     | 32.000                         |
| 20.000          | 30.000                     | 32.000                         |
| 25.000          | 30.000                     | 32.000                         |
| 31.250          | 30.000                     | 32.000                         |
| 62.500          | 24.100                     | 32.000                         |
| 100.000         | 20.000                     | 28.000                         |
| 160.000         |                            | 23.900                         |

Dielectric Strength: 1,000 V RMS @ 60Hz for 1 minute

Current Rating: 1.500 A

Insulation Resistance: 500 M-Ohm Minimum

Max. Contact Resistance: 20m-Ohm

Termination Resistance: 2.5 m-Ohm

### Notes (Overall)

Notes: For proper installation refer to Installation Guide PX100796 included with the product or visit our web site at <http://www.belden.com>

### Product Family

Part Numbers:

| Description                  | Item Number |
|------------------------------|-------------|
| HD-BIX PP CAT5E 1U24P, Black | AX103260    |
| HD-BIX PP CAT5E 2U48P, Black | AX103261    |

### Put Ups and Colors:

| Item #   | Putup | Ship Weight | Color | Notes | Item Desc                     |
|----------|-------|-------------|-------|-------|-------------------------------|
| AX103260 | 1 EA  | 1.719 LB    |       |       | CAT5E HD-BIX PATCH PANEL 24-P |

## AX103260 Faceplates and Panels - HD Patch Panel - HD-Style

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