

## AX103261 Faceplates and Panels - HD Patch Panel - HD-Style



For more Information  
please call

1-800-Belden1

**General Description:**

CAT5E HD-BIX Patch Panel, 48-port, 2U, Black

**Usage (Overall)**

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

**Physical Characteristics (Connectivity)****Capacity**

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| <b>Max. Capacity:</b> | 48 connectors ( Patch Panel is already loaded ) |
|-----------------------|-------------------------------------------------|

**Access**

|                          |       |
|--------------------------|-------|
| <b>Front Connection:</b> | Flush |
| <b>Termination Area:</b> | Rear  |

**Dimensions****Dimensions:**

| Height (mm) | Width (mm) | Depth (mm) |
|-------------|------------|------------|
| 87.376      | 482.600    | 38.100     |

**Materials****Materials:**

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

**Color**

|               |       |
|---------------|-------|
| <b>Color:</b> | Black |
|---------------|-------|

**Weight**

|                |          |
|----------------|----------|
| <b>Weight:</b> | 0.771 kg |
|----------------|----------|

**Included Parts**

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

**Packaging**

|                   |                                           |
|-------------------|-------------------------------------------|
| <b>Packaging:</b> | Individually packaged in a cardboard box. |
|-------------------|-------------------------------------------|

**Mechanical Characteristics (Connectivity)**

|                                   |      |
|-----------------------------------|------|
| <b>Footprint/Type:</b>            | HDPP |
| <b>Plug / Jack Compatibility:</b> | RJ45 |

**Termination Interface:**

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

**Termination Characteristics:**

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

|                                   |                |
|-----------------------------------|----------------|
| <b>Storage Temperature Range:</b> | -40°C To +70°C |
|-----------------------------------|----------------|

**AX103261 Faceplates and Panels - HD Patch Panel - HD-Style**

|                                        |                                |
|----------------------------------------|--------------------------------|
| <b>Installation Temperature Range:</b> | -10°C To +60°C                 |
| <b>Operating Temperature Range:</b>    | -10°C To +60°C                 |
| <b>Tool Compatibility:</b>             | BIX Connecting Tool (A0270165) |

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

|                                              |                                                                 |
|----------------------------------------------|-----------------------------------------------------------------|
| <b>Other Standards:</b>                      | FCC Part 68, Subpart F, IEC 60603-7                             |
| <b>EU Directive 2002/95/EC (RoHS):</b>       | Yes                                                             |
| <b>EU RoHS Compliance Date (mm/dd/yyyy):</b> | 07/01/2006                                                      |
| <b>MII Order #39 (China RoHS):</b>           | EUP 50                                                          |
| <b>Telecommunications Standards:</b>         | Category 5e - TIA 568.B.2, Category 5 - ISO/IEC 11801:2002 Ed.2 |
| <b>Safety Listing:</b>                       | ACA, Bi-national Standard Listed                                |

**Suitability**

|                              |     |
|------------------------------|-----|
| <b>Suitability - Indoor:</b> | 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                         |

|                                 |                                 |
|---------------------------------|---------------------------------|
| <b>Dielectric Strength:</b>     | 1,000 V RMS @ 60Hz for 1 minute |
| <b>Current Rating:</b>          | 1.500 A                         |
| <b>Insulation Resistance:</b>   | 500 M-Ohm Minimum               |
| <b>Max. Contact Resistance:</b> | 20m-Ohm                         |
| <b>Termination Resistance:</b>  | 2.5 m-Ohm                       |

## AX103261 Faceplates and Panels - HD Patch Panel - HD-Style

**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                     |
|----------|-------|-------------|-------|-------|-------------------------------|
| AX103261 | 1 EA  | 2.866 LB    |       |       | CAT5E HD-BIX PATCH PANEL 48-P |

Revision Number: 0    Revision Date: 06-01-2009

© 2020 Belden, Inc  
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.