



**Product:** [CAT5e DataConnect Panel 24P](#)

CAT5e DataConnect Patch Panel, UTP, 24 Port



Product Description

CAT5e DataConnect Patch Panel, UTP, Flat, 24-Port, 1U (Preloaded)

Technical Specifications

Product Overview

|                        |                                          |
|------------------------|------------------------------------------|
| Suitable Applications: | Ethernet 10/ 100/ 1000BASE-T, 2.5GBASE-T |
|------------------------|------------------------------------------|

Physical Characteristics (Overall)

|                   |                                           |
|-------------------|-------------------------------------------|
| Height:           | 1.75 in                                   |
| Width:            | 19.000 in                                 |
| Depth:            | 2.960 in                                  |
| Port Count:       | 24 Port                                   |
| Front Connection: | Flush                                     |
| Packaging:        | Individually packaged in a cardboard box. |
| Weight:           | 2.008 lbs                                 |

Connectors

Materials

| Description    | Material      | Color |
|----------------|---------------|-------|
| Panel          | Steel         | Black |
| Management Bar | Steel/Plastic | Black |

Construction and Dimensions

|               |                           |
|---------------|---------------------------|
| Max Capacity: | 24 connectors (preloaded) |
|---------------|---------------------------|

Electrical Characteristics

|                         |                                  |
|-------------------------|----------------------------------|
| Dielectric Strength:    | 1,000 V RMS @ 60 Hz for 1 minute |
| Current Rating:         | 1.500 A                          |
| Insulation Resistance:  | 500 M-Ohm Minimum                |
| Termination Resistance: | 2.5 mOhm                         |

Temperature Range

|                                 |                |
|---------------------------------|----------------|
| Installation Temperature Range: | -10°C To +60°C |
| Storage Temperature Range:      | -40°C To +70°C |
| Operating Temperature Range:    | -10°C To +60°C |

Mechanical Characteristics

|                               |                                                                                                                          |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Footprint/Type:               | DataConnect                                                                                                              |
| Tool Compatibility:           | Belden 110 Connecting Tool (AX100749), MediaFlex Termination Station (AX101852), Belden Rapid TerminationTool (AX105566) |
| Plug /Jack Compatibility:     | RJ45                                                                                                                     |
| Cable/Connector Retention:    | 11.25 lbs                                                                                                                |
| Connector/Hardware Retention: | 20 lbs                                                                                                                   |

|                           |            |
|---------------------------|------------|
| Plug/Connector Retention: | 11.250 lbs |
|---------------------------|------------|

Standards

|                     |                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| UL Rating:          | UL94V-0                                                                                                                                              |
| ISO/IEC Compliance: | IEC 60603-7                                                                                                                                          |
| Data Category:      | Category 5e                                                                                                                                          |
| TIA/EIA Compliance: | ANSI/TIA 1096-A (formerly FCC Part 68-F)                                                                                                             |
| IEEE Compliance:    | IEEE 802.3at type 1 and 2 (PoE) up to 30W, IEEE 802.3bt type 3 and 4 (PoE) up to 100W, CISCO (UPOE) up to 60W, Power over HDBaseTTM (POH) up to 100W |

Applicable Environmental and Other Programs

|                                   |        |
|-----------------------------------|--------|
| Environmental Space:              | Indoor |
| EU Directive 2011/65/EU (RoHS 2): | Yes    |
| MIL Order #39 (China RoHS):       | EUP 50 |

Flammability, LS0H, Toxicity Testing

|                 |                                         |
|-----------------|-----------------------------------------|
| Safety Listing: | c(UL)us Listed, UL 1863, UL File E77103 |
|-----------------|-----------------------------------------|

Related Part Numbers

|                |                                                                 |
|----------------|-----------------------------------------------------------------|
| Related Parts: | DataConnect CAT5E Modular Jacks, DataConnect CAT5E Modular cord |
|----------------|-----------------------------------------------------------------|

Variants

| Item #       | Color | Put-Up Type | UPC          |
|--------------|-------|-------------|--------------|
| DC5PPF1U24BK | Black | 1U          | 611589249195 |

Product Notes

|                 |                                                                                                                                     |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Included Parts: | 4 Screws (12x24); 1 Printable Label Half-Sheet; 2 Velcro Straps; 1 Rear Cable Support Bar; 1 Installation Guide; 24 Protective Caps |
| Notes:          | For proper installation refer to Installation Guide PX106898 included with the product                                              |

History

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.31 Revision Date: 06-01-2023 |
|----------------------|-------------------------------------------------|

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