

## Mini DisplayPort to DisplayPort Adapter Cable, 4K 60 Hz (M/M), DP Latching Connector, Black, 6 ft. (1.8 m)

MODEL NUMBER: P583-006-BK



Allows connection between a DisplayPort device and a device with Mini DisplayPort (mDP) or Thunderbolt ports.

### Features

#### Sends Ultra High Definition Mini DisplayPort Audio/Video to DisplayPort Monitor or DisplayPort Audio/Video to Mini DisplayPort Monitor

- Connects mDP or Thunderbolt computer or laptop to DisplayPort monitor, TV or projector or connects the DisplayPort output on your computer or laptop to the Mini DisplayPort (mDP) or Thunderbolt input on your monitor, television or projector
- Recommended for displaying video on large monitor or digital sign
- No separate power adapter required

#### Vibrant Video Quality

- Supports UHD video resolutions up to 4096 x 2160 (4K x 2K) @ 60 Hz
- Meets DisplayPort 1.2 standards
- Supports High Bit Rate 2 (HBR2) bandwidth up to 21.6 Gbps
- Backward compatible with previous DisplayPort versions

#### Superior Materials for Superior Performance

- Locking DisplayPort connector prevents accidental disconnection
- Gold-plated connectors and contacts for maximum conductivity and minimum data loss
- Integral strain relief reduces stress and adds flexibility

## Specifications

### OVERVIEW

UPC Code

037332203502

### Highlights

- Supports UHD video resolutions up to 4096 x 2160 (4K x 2K) @ 60 Hz
- Locking DisplayPort connector prevents accidental disconnection
- Gold-plated connectors and contacts for maximum conductivity
- Meets DisplayPort 1.2 standards
- Supports High Bit Rate 2 (HBR2) bandwidth up to 21.6 Gbps

### System Requirements

- Source device with Mini DisplayPort, Thunderbolt or DisplayPort output
- Display device with DisplayPort, mDP or Thunderbolt input

### Package Includes

P583-006-BK Mini DisplayPort to DisplayPort 4K @ 60 Hz Adapter Cable (M/M), Black, 6 ft. (1.8 m)

|                                 |                               |
|---------------------------------|-------------------------------|
| Product Type                    | Passive Cable                 |
| Technology                      | DisplayPort                   |
| Cable Type                      | Passive                       |
| <b>VIDEO</b>                    |                               |
| Max Supported Video Resolution  | 3840 x 2160 (4K) @ 60Hz       |
| Max Supported Color Depth       | 24-bit True Color             |
| HDR Support                     | No                            |
| 3D Video Supported              | Yes                           |
| Chroma Sub Sampling             | 4:2:0; 4:2:2                  |
| Signal Transmission             | Bidirectional                 |
| <b>PHYSICAL</b>                 |                               |
| Color                           | Black                         |
| Cable Jacket Color              | Black                         |
| Cable Jacket Material           | PVC                           |
| Cable Jacket Rating             | VW-1                          |
| Cable Outer Diameter (OD)       | 4.8 mm                        |
| Wire Gauge (AWG)                | 32                            |
| Cable Length (ft.)              | 6                             |
| Cable Length (m)                | 1.83                          |
| Cable Length (in.)              | 72                            |
| Ferrite Core                    | No                            |
| Minimum Bend Radius             | 48mm                          |
| Shipping Dimensions (hwd / in.) | 6.00 x 4.00 x 0.50            |
| Shipping Dimensions (hwd / cm)  | 15.24 x 10.16 x 1.27          |
| Shipping Weight (lbs.)          | 0.19                          |
| Shipping Weight (kg)            | 0.09                          |
| <b>ENVIRONMENTAL</b>            |                               |
| Operating Temperature Range     | 32° to 158°F (0° to 70°C)     |
| Storage Temperature Range       | -40° to 158°F (-40° to 70°C)  |
| Operating Humidity Range        | 10% to 85% RH, Non-Condensing |
| Storage Humidity Range          | 5% to 90% RH, Non-Condensing  |
| <b>COMMUNICATIONS</b>           |                               |
| EDID Compatible                 | Yes                           |

|                                              |                                                 |
|----------------------------------------------|-------------------------------------------------|
| Consumer Electronics Control (CEC) Supported | No                                              |
| <b>CONNECTIONS</b>                           |                                                 |
| Side A - Connector 1                         | DISPLAYPORT (MALE)                              |
| Side B - Connector 1                         | MINI DISPLAYPORT (MALE)                         |
| Connector Plating                            | Gold                                            |
| Contact Plating                              | Gold                                            |
| Connector Style                              | Straight                                        |
| Latching or Gripping Connector               | Yes                                             |
| <b>FEATURES &amp; SPECIFICATIONS</b>         |                                                 |
| EMI/RFI Line Noise Protection                | No                                              |
| MST Support                                  | Yes                                             |
| Antibacterial                                | No                                              |
| IP68 Rated                                   | No                                              |
| Armored Cable                                | No                                              |
| Ethernet Support                             | No                                              |
| Displayport Specification                    | 1.2                                             |
| HDCP Specification                           | 2.2                                             |
| <b>STANDARDS &amp; COMPLIANCE</b>            |                                                 |
| Product Compliance                           | CE (Europe); FCC (USA); REACH; RoHS; UKCA; WEEE |
| <b>WARRANTY &amp; SUPPORT</b>                |                                                 |
| Product Warranty Period (Worldwide)          | Lifetime limited warranty                       |