

## 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

### 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)

#### OVERVIEW

UPC Code

037332203502

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