Mini DisplayPort to DisplayPort Adapter Cable, 4K 60Hz (M/M), DP Latching Connector, White, 10 ft. (3.1 m)

MODEL NUMBER: **P583-010**



Allows connection of a DisplayPort device to 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

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

P583-010 Mini DisplayPort to DisplayPort 4K @60Hz Adapter (M/M), 10 ft. (3.1 m)

Specifications

OVERVIEW	
UPC Code	037332174604
Product Type	Passive Cable
Technology	DisplayPort

Cable Type	Passive
VIDEO	
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
CONNECTIONS	
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
PHYSICAL	
Color	White
Cable Jacket Color	White
Cable Jacket Material	PVC
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	4.8 mm
Wire Gauge (AWG)	32
Cable Length (ft.)	10
Cable Length (m)	3.05
Cable Length (in.)	120
Ferrite Core	No
Minimum Bend Radius	48mm
Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50
Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.27
Shipping Weight (lbs.)	0.37
Shipping Weight (kg)	0.17
ENVIRONMENTAL	
Operating Temperature Range	32° to 113°F (0° to 45°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
COMMUNICATIONS	
EDID Compatible	Yes
Consumer Electronics Control (CEC) Supported	No
FEATURES & SPECIFICATIONS	
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
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; REACH; WEEE
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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