



# DisplayPort 1.4 Cable with Latching Connectors, 8K (M/M), Black, 6 ft. (1.8m)

MODEL NUMBER: P580-006-V4









8K DisplayPort cable connects your DisplayPort 1.4-compatible source and display devices to transmit enhanced 8K UHD audio/video with HDR.

#### **Features**

DisplayPort 1.4 Cable Gets Your Gaming, Home Theater or Digital Signage Setup 8K-ReadyThis high-speed DisplayPort cable (M/M) securely connects source and display devices compatible with DisplayPort 1.4 audio/video signals. Backward compatible with all your existing DisplayPort devices, including Blu-ray players, game consoles and 4K televisions, the P580-006-V4 is ideal for future-proofing your high-definition or UHD A/V application in anticipation of an 8K upgrade. It flawlessly handles data transfer speeds up to 32 Gbps.

**Enjoy the Clarity of 4K/8K Video with 4:2:0 Color**The P580-006-V4 supports 8K UHD video resolutions up to 7680 x 4320 at 30 Hz. It's compatible with DisplayPort 1.4 standards for carrying HDR signals, which provide a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks. HDCP 2.2 compliance and 4:2:0 chroma subsampling allow you to stream 4K Amazon and Netflix content with no complications.

Latching Connectors Help Prevent Accidental Disconnection and Expensive DowntimeHaving a cable come loose accidentally can mean costly and time-consuming signal loss. The latching DisplayPort connectors help you avoid such danger, protecting your audio/video transmission by maintaining a secure link without failure. The latching cable is also invaluable when moving equipment in a rack or removing equipment from tight areas, ensuring the cord always stays connected.

#### **Highlights**

- Supports UHD resolutions up to 8K @ 30 Hz (4:2:0) for enhanced video without latency
- Supports High Dynamic Range (HDR) for richer contrast and expanded color accuracy
- Latching DisplayPort connectors prevent cable from coming loose accidentally
- Plug-and-play operation with no software required for easy, immediate installation

#### **Applications**

- Watch 8K video from a compatible Blu-ray player, game console, laptop or tablet on a compatible television, monitor or projector
- Connect a Windows laptop to a conference table's A/V box to give a video presentation on a large screen
- Play online or PC video games that display optimal graphics
- Send 8K video content to digital signs or point-of-sale displays

#### **System Requirements**

 Both source and display devices must be compatible with 8K standards to watch 8K video

#### **Package Includes**

P580-006-V4 DisplayPort 1.4
 Cable with Latching Connectors,
 8K, M/M, Black, 6 ft.

### **Specifications**

OVERVIEW		
UPC Code	037332255129	
Product Type	Passive Cable	
Technology	DisplayPort	
Cable Type	Passive	





Max Supported Video Resolution         7860 x 4320 (8K) @ 30Hz           Max Supported Color Depth         36-bit Deep Color           HDR Support         Yes           3D Video Supported         Yes           Chroma Sub Sampling         4:2.0           Signal Transmission         Bidirectional           INPUT           INPUT           Bus Powered           Yes           CONNECTIONS           Side A - Connector 1         DISPLAYPORT (MALE)           Side B - Connector 1         DISPLAYPORT (MALE)           Connector Plating         Nickel           Connector Plating         Gold           Connector Style         Straight           Latching or Gripping Connector         Yes           PHYSICAL           Color         Black           Material of Construction         PVC, ABS           Cable Jacket Rating         PVC           Cable Jacket Rating         PV-1           Cable Length (th)         6           Cable Length (th)         6           Cable Length (th)         1.83           Cable Length (th)         0.50 x 6.50 x 9.00		
Max Supported Color Depth         36-bit Deep Color           HDR Support         Yes           30 Video Supported         Yes           Chroma Sub Sampling         4:20           Signal Transmission         Bidirectional           INPUT           Bus Powered           Yes           CONNECTIONS           Side A - Connector 1         DISPLAYPORT (MALE)           Side B - Connector 1         DISPLAYPORT (MALE)           Connector Plating         Nickal           Connector Plating         Gold           Connector Style         Straight           Latching or Gripping Connector         Yes           PHYSICAL           Color         Black           Material of Construction         PVC, ABS           Cable Jacket Color         Black           Cable Jacket Rating         VW-1           Cable Jacket Rating         VW-1           Cable Length (ft)         6           Cable Length (ft)         6           Cable Length (ft)         72           Ferrate Core         No           Minimum Bend Radius         60mm           Shipping Dimensions (ftwd / in.)         0.50 x 6 50	VIDEO	
HDR Support Yes  Chroma Sub Sampling 4:20  Signal Transmission Bidirectional  INPUT  Bus Powered Yes  CONNECTIONS  Side A - Connector 1 DISPLAYPORT (MALE)  Side B - Connector 1 DISPLAYPORT (MALE)  Connector Plating Nickel  Connector Plating Gold  Connector Style Straight  Latching or Gripping Connector Yes  PHYSICAL  Cable Jacket Color Black  Cable Jacket Rating WW-1  Cable Jacket Rating WW-1  Cable User Diameter (OD) 6.0 mm  Wire Gauge (AWG) 30  Cable Length (ft.) 6  Cable Length (ft.) 72  Ferrite Core No  Minimum Band Radius 60mm  Shipping Dimensions (ftwd / in.) 0.50 x 6.50 x 9.00  Shipping Weight (kg)  ENVIRONMENTAL	Max Supported Video Resolution	7860 x 4320 (8K) @ 30Hz
Signal Transmission Bidirectional  INPUT  Bus Powered Yes  CONNECTIONS  Side A - Connector 1 DISPLAYPORT (MALE) Side B - Connector 1 DISPLAYPORT (MALE) Connector Plating Nickel Connector Plating Gold Connector Siyle Straight Latching or Gripping Connector  PHYSICAL  Cable Jacket Color Black Cable Jacket Rating VW-1  Cable Jacket Rating VW-1  Cable Length (Th) 6  Cable Length (Th) 6  Cable Length (Th) 72  Ferrite Core No  Minimum Bend Radius Somm Shipping Dimensions (twd / in.)  Signal Wiscons Associated Associated Shipping Weight (kg)  Latching or Gripping Connector Yes  PHYSICAL  Cable Length (Th) 6  Cable Length (Th) 72  Ferrite Core No  Minimum Bend Radius Somm Shipping Dimensions (twd / in.)  Signal Transmission  Bidirectional  Bidirectional	Max Supported Color Depth	36-bit Deep Color
A-2:0   Bidrectional	HDR Support	Yes
Signal Transmission Bidirectional  INPUT  Bus Powered Yes  CONNECTIONS  Side A - Connector 1 DISPLAYPORT (MALE)  Side B - Connector 1 DISPLAYPORT (MALE)  Connector Plating Nickel  Connector Plating Gold  Connector Style Straight  Latching or Gripping Connector  PHYSICAL  Color Black  Material of Construction PVC, ABS  Cable Jacket Material PVC  Cable Jacket Material PVC  Cable Jacket Material PVC  Cable Jacket Rating VW-1  Cable Outer Diameter (OD) 6,0 mm  Wire Gauge (AWG) 30  Cable Length (In) 1,83  Cable Length (In) 72  Ferrite Core No  Minimum Bend Radius 60mm  Shipping Dimensions (Nwd / In.) 0,50 x 6,50 x 9,00  Shipping Weight (Kg) 0,10	3D Video Supported	Yes
Bus Powered Yes  CONNECTIONS  Side A - Connector 1 DISPLAYPORT (MALE) Side B - Connector 1 DISPLAYPORT (MALE) Connector Plating Nickel Connector Plating Gold Connector Style Straight Latching or Gripping Connector Yes  PHYSICAL  Color Black Material of Construction PVC, ABS  Cable Jacket Color Black Cable Jacket Rating VW-1 Cable Jacket Rating VW-1 Cable Jacket Rating VW-1 Cable Jacket Rating VW-1 Cable Length (ft.) 6 Cable Length (ft.) 6 Cable Length (m.) 1.83 Cable Length (m.) 7.2 Ferrite Core No Minimum Bend Radius Gomm Shipping Dimensions (ftwd / in.) 0.50 x 8.50 x 9.00 Shipping Weight (kg) 0.10  ENVIRONMENTAL	Chroma Sub Sampling	4:2:0
DisplayPowered   Yes	Signal Transmission	Bidirectional
Side A - Connector 1 DISPLAYPORT (MALE) Side B - Connector 1 DISPLAYPORT (MALE) Connector Plating Nickel Contact Plating Gold Connector Style Straight Latching or Gripping Connector  PHYSICAL Color Black Material of Construction PVC, ABS Cable Jacket Color Black Cable Jacket Rating VW-1 Cable Jacket Rating VW-1 Cable Jacket Rating JW-1 Cable Outer Diameter (OD) 6.0 mm Wire Gauge (AWG) 30 Cable Length (fit.) 6 Cable Length (fit.) 72 Ferrite Core No Minimum Bend Radius 60mm Shipping Weight (kg) 0.10 Servironmental	INPUT	
Side A - Connector 1 DISPLAYPORT (MALE) Side B - Connector 1 DISPLAYPORT (MALE) Connector Plating Nickel Contact Plating Gold Connector Style Straight Latching or Gripping Connector Yes  PHYSICAL Color Black Material of Construction PVC, ABS Cable Jacket Color Cable Jacket Material PVC Cable Jacket Rating VW-1 Cable Outer Diameter (OD) 6.0 mm Wire Gauge (AWG) Cable Length (ft.) 6 Cable Length (m) 1.83 Cable Length (in.) 72 Ferrite Core Minimum Bend Radius Shipping Dimensions (hwd / in.) 0.50 x 6.50 x 9.00 Shipping Weight (kg) 0.10  ENVIRONMENTAL	Bus Powered	Yes
Side B - Connector 1         DISPLAYPORT (MALE)           Connector Plating         Nickel           Connector Style         Straight           Latching or Gripping Connector         Yes           PHYSICAL           Color         Black           Material of Construction         PVC, ABS           Cable Jacket Color         Black           Cable Jacket Rating         VW-1           Cable Jacket Rating         VW-1           Cable Outer Diameter (OD)         6.0 mm           Wire Gauge (AWG)         30           Cable Length (ft.)         6           Cable Length (m)         1.83           Cable Length (in.)         72           Ferrite Core         No           Minimum Bend Radius         60mm           Shipping Dimensions (ftwd / in.)         0.50 x 6.50 x 9.00           Shipping Weight (kg)         0.10	CONNECTIONS	
Connector Plating Nickel Contact Plating Gold Connector Style Straight Latching or Gripping Connector Yes  PHYSICAL Color Black Material of Construction PVC, ABS Cable Jacket Color Black Cable Jacket Rating VW-1 Cable Jacket Rating VW-1 Cable Jacket Rating VW-1 Cable Jacket Rour Gold Black Cable Jacket Rating VW-1 Cable Jacket Rating VW-1 Cable Length (ft.) 6 Cable Length (ft.) 6 Cable Length (m) 1.83 Cable Length (in.) 72 Ferrite Core No Minimum Bend Radius 60mm Shipping Dimensions (ftwd / in.) 0.50 x 6.50 x 9.00 Shipping Weight (kg) 0.10	Side A - Connector 1	DISPLAYPORT (MALE)
Contact Plating         Gold           Connector Style         Straight           Latching or Gripping Connector         Yes    PHYSICAL  Color  Black  Material of Construction  PVC, ABS  Cable Jacket Color  Black  Cable Jacket Material  PVC  Cable Jacket Rating  VW-1  Cable Jacket Rating  Wire Gauge (AWG)  30  Cable Length (ft.)  6  Cable Length (m)  1.83  Cable Length (in.)  72  Ferrite Core  No  Minimum Bend Radius  Shipping Dimensions (hwd / in.)  Shipping Weight (kg)  0.10  ENVIRONMENTAL  Octobree  Straight  Area  Area  Straight  Area  A	Side B - Connector 1	DISPLAYPORT (MALE)
Connector Style Straight Latching or Gripping Connector Yes  PHYSICAL  Color Black Material of Construction PVC, ABS  Cable Jacket Color Black Cable Jacket Material PVC  Cable Jacket Rating WW-1  Cable Outer Diameter (OD) 6.0 mm  Wire Gauge (AWG) 30  Cable Length (ft.) 6  Cable Length (m) 1.83  Cable Length (in.) 72  Ferrite Core No  Minimum Bend Radius 60mm  Shipping Dimensions (hwd / in.) 0.50 x 6.50 x 9.00  Shipping Weight (kg) 0.10	Connector Plating	Nickel
Latching or Gripping Connector  PHYSICAL  Color  Black  Material of Construction  PVC, ABS  Cable Jacket Color  Cable Jacket Rating  VW-1  Cable Outer Diameter (OD)  Gable Cuter Diameter (OD)  Gable Length (ft.)  Cable Length (m)  1.83  Cable Length (in.)  Ferrite Core  No  Minimum Bend Radius  Shipping Dimensions (hwd / in.)  Shipping Weight (kg)  ENVIRONMENTAL	Contact Plating	Gold
PHYSICAL           Color         Black           Material of Construction         PVC, ABS           Cable Jacket Color         Black           Cable Jacket Material         PVC           Cable Jacket Rating         VW-1           Cable Outer Diameter (OD)         6.0 mm           Wire Gauge (AWG)         30           Cable Length (ft.)         6           Cable Length (m)         1.83           Cable Length (in.)         72           Ferrite Core         No           Minimum Bend Radius         60mm           Shipping Dimensions (hwd / in.)         0.50 x 6.50 x 9.00           Shipping Weight (kg)         0.10	Connector Style	Straight
Color         Black           Material of Construction         PVC, ABS           Cable Jacket Color         Black           Cable Jacket Material         PVC           Cable Jacket Rating         VW-1           Cable Outer Diameter (OD)         6.0 mm           Wire Gauge (AWG)         30           Cable Length (ft.)         6           Cable Length (m)         1.83           Cable Length (in.)         72           Ferrite Core         No           Minimum Bend Radius         60mm           Shipping Dimensions (hwd / in.)         0.50 x 6.50 x 9.00           Shipping Weight (kg)         0.10	Latching or Gripping Connector	Yes
Material of Construction         PVC, ABS           Cable Jacket Color         Black           Cable Jacket Material         PVC           Cable Jacket Rating         VW-1           Cable Outer Diameter (OD)         6.0 mm           Wire Gauge (AWG)         30           Cable Length (ft.)         6           Cable Length (m)         1.83           Cable Length (in.)         72           Ferrite Core         No           Minimum Bend Radius         60mm           Shipping Dimensions (hwd / in.)         0.50 x 6.50 x 9.00           Shipping Weight (kg)         0.10	PHYSICAL	
Cable Jacket Color         Black           Cable Jacket Material         PVC           Cable Jacket Rating         VW-1           Cable Outer Diameter (OD)         6.0 mm           Wire Gauge (AWG)         30           Cable Length (ft.)         6           Cable Length (m)         1.83           Cable Length (in.)         72           Ferrite Core         No           Minimum Bend Radius         60mm           Shipping Dimensions (hwd / in.)         0.50 x 6.50 x 9.00           Shipping Weight (kg)         0.10	Color	Black
Cable Jacket Material         PVC           Cable Jacket Rating         VW-1           Cable Outer Diameter (OD)         6.0 mm           Wire Gauge (AWG)         30           Cable Length (ft.)         6           Cable Length (m)         1.83           Cable Length (in.)         72           Ferrite Core         No           Minimum Bend Radius         60mm           Shipping Dimensions (hwd / in.)         0.50 x 6.50 x 9.00           Shipping Weight (kg)         0.10	Material of Construction	PVC, ABS
Cable Jacket Rating         VW-1           Cable Outer Diameter (OD)         6.0 mm           Wire Gauge (AWG)         30           Cable Length (ft.)         6           Cable Length (m)         1.83           Cable Length (in.)         72           Ferrite Core         No           Minimum Bend Radius         60mm           Shipping Dimensions (hwd / in.)         0.50 x 6.50 x 9.00           Shipping Weight (kg)         0.10   ENVIRONMENTAL	Cable Jacket Color	Black
Cable Outer Diameter (OD) 6.0 mm  Wire Gauge (AWG) 30  Cable Length (ft.) 6  Cable Length (m) 1.83  Cable Length (in.) 72  Ferrite Core No  Minimum Bend Radius 60mm  Shipping Dimensions (hwd / in.) 0.50 x 6.50 x 9.00  Shipping Weight (kg) 0.10	Cable Jacket Material	PVC
Wire Gauge (AWG)       30         Cable Length (ft.)       6         Cable Length (m)       1.83         Cable Length (in.)       72         Ferrite Core       No         Minimum Bend Radius       60mm         Shipping Dimensions (hwd / in.)       0.50 x 6.50 x 9.00         Shipping Weight (kg)       0.10	Cable Jacket Rating	VW-1
Cable Length (ft.)       6         Cable Length (m)       1.83         Cable Length (in.)       72         Ferrite Core       No         Minimum Bend Radius       60mm         Shipping Dimensions (hwd / in.)       0.50 x 6.50 x 9.00         Shipping Weight (kg)       0.10	Cable Outer Diameter (OD)	6.0 mm
Cable Length (m)  Cable Length (in.)  72  Ferrite Core  No  Minimum Bend Radius  60mm  Shipping Dimensions (hwd / in.)  0.50 x 6.50 x 9.00  Shipping Weight (kg)  0.10  ENVIRONMENTAL	Wire Gauge (AWG)	30
Cable Length (in.)  Ferrite Core  No  Minimum Bend Radius  60mm  Shipping Dimensions (hwd / in.)  0.50 x 6.50 x 9.00  Shipping Weight (kg)  0.10  ENVIRONMENTAL	Cable Length (ft.)	6
Ferrite Core  No  Minimum Bend Radius  60mm  Shipping Dimensions (hwd / in.)  0.50 x 6.50 x 9.00  Shipping Weight (kg)  0.10  ENVIRONMENTAL	Cable Length (m)	1.83
Minimum Bend Radius 60mm  Shipping Dimensions (hwd / in.) 0.50 x 6.50 x 9.00  Shipping Weight (kg) 0.10  ENVIRONMENTAL	Cable Length (in.)	72
Shipping Dimensions (hwd / in.)  0.50 x 6.50 x 9.00  Shipping Weight (kg)  0.10  ENVIRONMENTAL	Ferrite Core	No
Shipping Weight (kg) 0.10  ENVIRONMENTAL	Minimum Bend Radius	60mm
ENVIRONMENTAL	Shipping Dimensions (hwd / in.)	0.50 x 6.50 x 9.00
	Shipping Weight (kg)	0.10
Operating Temperature Range 32° to 113°F (0° to 45°C)	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	Yes	
Integrated/Removable Cable	No	
MST Support	Yes	
Antibacterial	No	
IP68 Rated	No	
IP20 Rated	No	
Fully Molded Connector Ends	No	
Ohms	No	
Integral Strain Relief	No	
Impedance-Matched Twisted-Pair Construction	No	
Scaler Function	No	
IP67 Rated	No	
Armored Cable	No	
Ethernet Support	No	
Displayport Specification	1.4	
HDCP Specification	2.2	
DIN Mountable	No	
STANDARDS & COMPLIANCE		
Product Certifications	IEC/EN 62040	
Product Compliance	CE (Europe); FCC (USA); REACH; RoHS; UKCA; WEEE	
WARRANTY & SUPPORT		
Product Warranty Period (Worldwide)	Lifetime limited warranty	





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