DisplayPort Cable with Latching Connectors (M/M), 4K 60 Hz, HBR2, 4:4:4, HDCP 2.2, 50 ft. (15.2 m), Black

MODEL NUMBER: **P580-050-4K6**

Connects your laptop, media server or 4K Blu-ray player to a 4K-compatible television, monitor or projector.

Features

DisplayPort 1.2 Cable Gets Your Gaming, Home Theater or Digital Signage Setup 4K-Ready
This 4K DisplayPort cable (M/M) securely connects 4K-compatible source and display devices in your audio/video application. The P580-050-4K6 is compatible with all DisplayPort devices, including 4K Blu-ray players, gaming consoles, laptops, media servers, satellite/cable TV boxes and tablets, as well as HDTVs, monitors, projectors and audio receivers. The cable's patented bonded-pair design with small 7.3-millimeter diameter allows more flexibility during installation.

Transmits 4K Video with HBR2 and 4:4:4 Color
The P580-050-4K6 supports Ultra HD 4K resolutions up to 3840 x 2160 at 60 Hz. It supports HBR2 (High Bit Rate 2) and HDCP 2.2 encryption, which allows you to stream 4K content with no loss in resolution. This HBR2 cable also supports uncompressed 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor. It is backward compatible with previous DisplayPort generations, allowing you to use it with non-4K equipment.

Invest in Quality Construction for Reliable Performance
Contacts and connectors are gold-plated to resist corrosion. The male connectors latch securely to help prevent the cable from becoming accidentally disconnected and disrupting a continuous audio/video signal. Double shielding reduces line noise (EMI/RFI) that can disrupt signals traveling through the DisplayPort cord.

Specifications

OVERVIEW	
UPC Code	037332293770
Product Type	Passive Cable
Technology	DisplayPort

Cable Type	Passive
VIDEO	
Video Input	DISPLAYPORT (MALE)
Video Output	DISPLAYPORT (MALE)
Max Supported Video Resolution	3840 X 2160 60HZ (4K)
Max Supported Color Depth	24-bit True Color
HDR Support	No
3D Video Supported	No
Chroma Sub Sampling	4:4:4
Signal Transmission	Bidirectional
Bandwidth	21.6 Gbps
DisplayPort Alt Mode	No
CONNECTIONS	
Side A - Connector 1	DISPLAYPORT (MALE)
Side B - Connector 1	DISPLAYPORT (MALE)
Connector Plating	Gold
Contact Plating	Gold
Connector Style	Straight
Latching or Gripping Connector	Yes
PHYSICAL	
Color	Black
Material of Construction	PVC
Cable Jacket Color	Black
Connector Color	Gray
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	7.3MM
Wire Gauge (AWG)	26/30
Cable Length (ft.)	50
Cable Length (m)	15.24
Cable Length (in.)	600
Shipping Dimensions (hwd / in.)	17.00 x 14.00 x 0.50
Shipping Weight (kg)	0.89
Unit Dimensions (hwd / in.)	17.000 x 14.000 x 0.500
Unit Packaging Type	Polybag

Unit Weight (lbs.)	1.93
Unit Weight (kg)	0.88

ENVIRONMENTAL	
Operating Temperature Range	14° to 122°F (-10° to 50°C)
Storage Temperature Range	5° to 140°F (-15° to 60°C)
Operating Humidity Range	0% TO 90% RH, NON-CONDENSING
Storage Humidity Range	0% TO 90% RH, NON-CONDENSING

COMMUNICATIONS	
EDID Compatible	No
Consumer Electronics Control (CEC) Supported	No

FEATURES & SPECIFICATIONS	
EMI/RFI Line Noise Protection	No
Integrated/Removable Cable	No
MST Support	No
Antibacterial	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
Displayport Specification	1.2
HDCP Specification	2.2
Driver Required	No
DIN Mountable	No

STANDARDS & COMPLIANCE	
Product Compliance	CE (Europe); FCC (USA); REACH; RoHS; UKCA; WEEE

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

1000 Eaton Boulevard

Cleveland, OH 44122

United States

https://tripplite.eaton.com

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