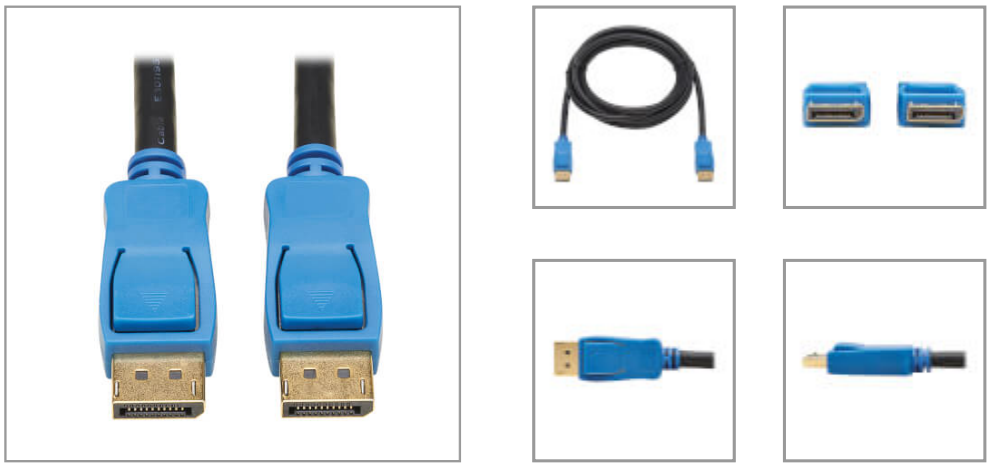
DisplayPort Cable with Latching Connectors (M/M), 8K 60 Hz, HDR, HBR3, 4:4:4, HDCP 2.2, Black, 6 ft. (1.8 m)

MODEL NUMBER: **P580-006-8K6**



8K DisplayPort cable connects your source and display devices to transmit enhanced 8K Ultra HD audio/video with HDR and 4:4:4 chroma.

Highlights

- Supports UHD resolutions up to 8K @ 60 Hz (4:4:4) for state-of-the-art video quality
- Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy
- Complies with HDCP 2.2 standards to display up-to-date 4K video content
- Plug-and-play operation with no software required for easy, immediate installation

System Requirements

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

Package Includes

P580-006-8K6 DisplayPort 1.4 Cable (M/M), 8K 60 Hz, Black, 6 ft. (1.8 m)

Features

DisplayPort 1.4 Cable Gets Your Gaming, Home Theater or Digital Signage Setup 8K-Ready
This high-speed DisplayPort (DP) cable (M/M) securely connects source and display devices compatible with DP 1.4 audio/video signals. Backward compatible with all your existing DisplayPort devices, including Blu-ray players, game consoles and 4K televisions, the P580-006-8K6 is ideal for future-proofing your high-definition or Ultra HD application in anticipation of an 8K upgrade.

Enjoy the Clarity of 4K/8K Video with Multi-Channel Audio and 4:4:4 Color
The P580-006-8K6 supports 8K UHD resolutions up to 7680 x 4320 at 60 Hz with multi-channel sound. It's compatible with DisplayPort 1.4 standards for HDR, providing a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks. HDCP 2.2 compliance allows you to stream 4K content with no complications. This BT.2020-compatible cable also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

Invest in Quality Construction for Reliable Performance
You're expecting this 8K cable to last a long time, which is why it has been constructed with high-quality materials, such as a rugged PVC jacket. 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	037332254115
Product Type	Passive
Technology	DisplayPort

Cable Type	Passive
VIDEO	
Max Supported Video Resolution	7680 X 4320 60HZ (8K)
Max Supported Color Depth	24-bit True Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
Signal Transmission	Bidirectional
INPUT	
Bus Powered	Yes
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	No
PHYSICAL	
Color	Black
Material of Construction	PVC
Cable Jacket Color	Black
Cable Jacket Material	PVC
Cable Jacket Rating	VW-1
Cable Outer Diameter (OD)	6.8MM
Wire Gauge (AWG)	30
Cable Length (ft.)	6
Cable Length (m)	1.83
Cable Length (in.)	72
Ferrite Core	No
Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50
Shipping Weight (kg)	0.14
Unit Dimensions (hwd / in.)	9.000 x 7.000 x 0.500
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	Yes
Consumer Electronics Control (CEC) Supported	Yes
FEATURES & SPECIFICATIONS	
EMI/RFI Line Noise Protection	No
Integrated/Removable Cable	No
MST Support	No
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
Displayport Specification	1.4
HDCP Specification	2.2
DIN Mountable	No
STANDARDS & COMPLIANCE	
Product Certifications	IEC/EN 62040
Product Compliance	RoHS; CE (Europe); REACH
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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