

119445 DisplayPort 1.4 Active Optical Cable, 50m, 8K/60Hz

Product Images



Compatible

Display Input



Display Output





Short Description

1. DisplayPort 1.4
2. DisplayPort Male to Male
3. Supports video resolutions up to 8K/60Hz, 4K/120Hz
4. Downwards compatible to DisplayPort 1.1, 1.2 and 1.3
5. Transmission of audio and video signals
6. DisplayPort DP 8K certified cable
7. Bandwidth up to 32.4Gbps
8. Supports HDCP 1.4 and 2.2
9. Supports HDR (High Dynamic Range)
10. Supports DSC (Display Stream Compression)
11. Supports MST (Multi Stream Transport)
12. Zinc Alloy housing
13. Gold Plated Connectors for high signal quality
14. This AOC cable is single way transmitting, can only from Source to Display, please note the direction before using
15. Resolution up to below: (depend on the system and the connect hardware)

Data transfer without DSC (display stream compression).

8k: 7680 x 4320 @ 30 Hz.

5k: 5120 x 2880 @ 60 Hz.

4k: 3840 x 2160 @ 144 Hz.

2k: 2560 x 1440 @ 240 Hz.

1080P: 1920 x 1200 @ 240 Hz.

Data transfer with DSC support. (display stream compression).

8k: 7680 x 4320 @ 60 Hz (DSC).

5k: 5120 x 2880 @ 120 Hz (DSC).

4k: 3840 x 2160 @ 240 Hz (DSC).

Description

The equip 119445 DisplayPort 1.4 Active Optical Cable (AOC) is a high-performance cable used for transmitting digital video signals over long distances. Unlike copper cables, which have limitations on how far they can transmit signals without signal degradation, DisplayPort 1.4 AOC can transmit data up to 100 meters without the need for additional signal boosters or repeaters.

The cable is designed to support the DisplayPort 1.4 standard, which offers high bandwidth and supports resolutions up to 8K at 60Hz or 4K at 120Hz. DisplayPort 1.4 AOC also supports High Dynamic Range (HDR) and Display Stream Compression (DSC), which allows for even higher resolutions and refresh rates.

The active component of the cable is a microchip embedded in the connector that converts the electrical signals to optical signals, which are then transmitted over the optical fiber. The cable is also immune to electromagnetic interference (EMI) and radio frequency interference (RFI), making it ideal for use in environments with high levels of electromagnetic interference.

Additional Information

Approval and compliance CE , RoHS

Product weight (kg)	1.68
Cable length	50m
Color	Black
EAN	4015867231159
Model Number	119445
Package Contents	119445
Cable Length	50m
Connector 1	DisplayPort, male
Connector 2	DisplayPort, male
Dimensions (W x D x H)	50000 x 20.5 x 10 mm

