

Displayport 1.4DP AOC

Description

DP 1.4 AOC is a new generation of advanced plug and play Active Optical Cables (AOC) that employ cutting edge technology to deliver unprecedented resolution, performance and value. It support DisplayPort 1.4 and provide a wide range of features in a compact, lightweight form-factor. Without EMI interference so it can support 4K/144Hz, 8K / 60Hz (4:4:4) 3D, HDCP, EDID very high resolution applications up to 100 meters without an external power supply or additional extenders.

The DP 1.4 AOC cable with new integrated structure design to have beautiful appearance and the material used provides solid portion for the chip inside

Features:

- Latching design, easy to fix and connect to keep stable
- special housing design to have superior appearance and performance
- Support length up to 100m max, length custom is available ;
- Hybrid fiber and copper, small diameter, anti-bend and have superior pulling force
- OD 4.8 mm, very flexible, plug and play installation
- Low RFI / EMI profile for sensitive applications;
- External power supply not required
- Almost zero attenuation, no delay warranty, no signal loss with bend radius over 20mm

Parameter:

Item	Parameter
Cable Length	1.5-100M
Connector Type	DP Male to DP male with latching
Bandwidth	DP1.4 standard, 32.4G(8.1Gbpsx4)
Resolution	Support 4K/120Hz, 4K/144Hz, 8K/60Hz video and image transmission
Power Supply	No external power required
Power Assumption	Source port: 85mW, Diplay port 290mW @3.3V
Cable Diameter	4.5~5.5mm
Maximum Tensile Load	100N/200N
Maximum Crush Stregnth	200/400N
Mini Bend Radius	20mm/10mm
Working/Storage Temp	0~50/-20~70°C

Package: or Customized

