



# DisplayPort 8K@60Hz AOC Active Optical Cable - 40Gbps V2.0 Cable - CMP Plenum Rated

DP-205-xxPL - Specifications

## Description

This active optical DisplayPort cable is plenum rated and consists of a DisplayPort male connector on both ends. The cable has a built-in signal booster chipset which supports DisplayPort 2.0 and provides a wide range of features in a compact, lightweight form-factor. These cables are fully HDCP 1.4 / 2.2 compliant and supports signals with data rates up to 40 Gbps (HBR3). It is typically used to connect a DisplayPort source such as a PC or laptop to a monitor and supports full 8K Ultra HD resolution at 60Hz (4:4:4) up to 100 meters. This active optical DP cable is directional. Each end of the cable is marked "Source" and "Display" to indicate the direction of the signal flow. Always test the cable before permanently installing in a wall or ceiling to be sure that the signal flow is correct and for device compatibility.

## Feature

- External power not required
- Hybrid optical cable with fiber and copper wire
- Plug and Play
- Support computer resolutions to 8K@60Hz with 40Gbps bandwidth

## Physical Characteristics

Color	Black
Connector Plating	Gold
Shell Material	Zinc-Alloy
Cable Specs	Fiber Optic 50/125um multimode / Copper
Cable Diameter	4.8mm
Shielding	75% Braid + 100% Aluminum-Mylar Foil
Jacket Fire Rating	CMP
Jacket Material	PVC
Strain Relief	Molded PVC

## Connectors

Connector A	DisplayPort Male
Connector B	DisplayPort Male

## Approvals

c(UL)us	Yes, Cable
CE	Yes
FCC	Yes

## Cable Weights

15ft	25ft	35ft	50ft	75ft	100ft	150ft
0.50 lbs (0.22 kg)	0.70 lbs (0.32 kg)	0.80 lbs (0.36 kg)	1.05 lbs (0.47 kg)	1.50 lbs (0.68 kg)	2.65 lbs (1.20 kg)	3.50 lbs (1.58 kg)

## Performance

Resolution	Ultra HD 8K @ 60Hz
Chroma Sampling	4:4:4
Bandwidth	40Gbps, 8.1 Gbps per channel
Supported Distance	100m
Support	HBR3, HDCP
HDCP Compliant	Yes, 1.4 / 2.2
DisplayPort Version	v2.0

## Environmental

RoHS	Yes
Reach	Yes
Conflict Minerals	Yes

## Packaging Information

Package Quantity	1
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## Warranty Information

Warranty	3-Years Warranty
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