

DisplayPort to DisplayPort AOC Cable

1.4 8K 60Hz – 10m / 15m

Active Optical DisplayPort cable for long-distance AV transmission with stable signal performance and low RFI/EMI interference.



Models

MOD810- 10 Meter

MOD815- 15 Meter

Directional cable: connect Source end to computer/output and Display end to monitor/display.

8K 60Hz

Resolution

32.4Gbps

Bandwidth

DP 1.4

HBR3

1. Key Features

DisplayPort 1.4 / HBR3 Supports DP 1.4 signal standard with HBR3 bandwidth capability.	8K 60Hz Output Designed for ultra-high-resolution display transmission up to 8K at 60Hz.
32.4Gbps Total Bandwidth High-bandwidth transmission for demanding AV and professional display setups.	Active Optical Cable Fiber-based long-distance signal design helps maintain stability across longer lengths.
No External Power Powered through the DisplayPort connection without separate external power adapter.	Directional Design Marked Source and Display ends for correct installation and reliable signal direction.
Low RFI/EMI Interference Optical transmission helps reduce electromagnetic interference in AV environments.	Two Length Options Available in MOD810 10m and MOD815 15m for professional installations.



2. Technical Specification

Product Type	DisplayPort to DisplayPort Active Optical Cable (AOC)
Models	MOD810 - 10 Meter / MOD815 - 15 Meter
Connector	DisplayPort male to DisplayPort male
Standard	DisplayPort 1.4 / HBR3
Resolution	8K 60Hz
Bandwidth	32.4Gbps total
HDCP	2.2 / 1.4
Power	No external power required
Signal Direction	Source to Display directional cable
Warranty	2 Years

Model	Length	Best For
MOD810	10 Meter	Desk-to-display, small meeting rooms, control desks
MOD815	15 Meter	Conference rooms, signage, AV racks, extended installations

4. Performance & Directional Setup

The cable is an active optical DisplayPort cable. It is designed for long-distance display connection where stable high-resolution AV signal transmission is required.

SOURCE	→	DISPLAY
PC / GPU / Laptop / AV Source	DP 1.4 AOC Fiber Cable	Monitor / LED wall / Projector / Display

Before installation

Confirm which connector is marked Source and which connector is marked Display.

Connect Source first

Plug Source end into DisplayPort output device such as PC, GPU, laptop or media source.

Connect Display end

Plug Display end into monitor, signage screen, LED controller or display input.

Avoid tight bends

Do not sharply fold, crush or bend the cable around small corners during routing.

No external power

The cable does not require an additional power supply according to the packaging details.

5. Application Areas

Digital Signage Reliable long-distance display connection for commercial signage screens and retail display zones.	Conference Rooms Connect AV source devices to meeting room displays, projectors and control systems.
Security Systems Suitable for control-room displays, monitoring dashboards and surveillance visualization setups.	LED Displays Use for high-bandwidth source-to-display connections in LED display environments.
Professional AV Useful where standard passive DP cables are not practical for longer installation runs.	Workstations Supports high-resolution display extension for design, engineering, monitoring and analysis workstations.



6. Installation, Handling & Troubleshooting

1. Check direction	Identify Source and Display labels before connecting.
2. Connect safely	Insert both DisplayPort connectors firmly without forcing the shell or cable.
3. Select display mode	Use the computer/display settings to select the required resolution and refresh rate.
4. Protect the cable	Avoid crushing, twisting, tight coiling or repeated stress near connector boots.
5. Recheck signal	If there is no image, reverse-check direction, source output, display input and resolution settings.

Quick Troubleshooting

No signal Check Source/Display direction, reseal connectors, confirm DP output is active, restart source/display.	Resolution not available Check GPU, display and OS settings. Use compatible display hardware for 8K 60Hz.
Intermittent display Avoid sharp bends, inspect connector seating, reduce mechanical stress near connector ends.	Wrong installation side AOC cable is directional. It must be connected Source to Display as marked.

7. FAQ, Warranty & Package Information

What are the model numbers?

MOD810 is the 10 Meter version. MOD815 is the 15 Meter version.

What resolution does it support?

The packaging states 8K 60Hz resolution support.

What bandwidth is mentioned?

The packaging specifies 32.4Gbps total bandwidth.

Does it need external power?

No. The packaging states that no external power is required.

Is the cable directional?

Yes. It is marked Source to Display directional cable.

What applications are listed?

Digital signage, conference rooms, security systems and LED displays.

What warranty is shown?

The packaging shows a 2-year warranty.

MOWSIL – Durable connectivity for professional AV and display installations.