

Luma

active optical cables

Luma Active Optical Cables (AOC) provide stable, plug and play UHD or data connections for HDMI 2.1, DisplayPort 1.4, and USB 3.2. Luma cables instantly connect Blu-ray, DVR, and video game systems to TV, video monitors and projectors.

AOC technology from Luma is designed for a reliable connection between AV components and data devices at home, business or professional facilities. Luma cables are designed with a strong, cast aluminum connectors and a slick, durable jacket.

AOC TECHNOLOGY – BETTER THAN COPPER

Active Optical Cables combine glass fiber optics with copper conductors to achieve the best performance for UHD video and data connections. Fiber optic conductors carry the video and data signals for best performance and copper conductors support control non-video information such as Hot Plug and power connections. Luma AOC are not sensitive to interference and perform up to 100 feet so no matter if your connection is near or far, Luma AOC are the right choice for your system.

NO NEED FOR EXTENDER BOXES

Luma AOC eliminates the need for cumbersome and expensive transmitter and receiver boxes and the additional cables and power supplies needed to operate them. Just plug in a Luma at each component and Luma connects.

Luma USB AOC



Data rate:	10 Gbps
Version:	USB 3.2
Power:	5V nominal
Connectors:	Type-A Male - Type-A Female
Connector (male):	1.75" x .75" x .375" 44.5 x 19 x 9.5 mm
Connector (female):	2.0" x .875" x .375" 50.8 x 22.2 x 9.5 mm
Cable diameter:	5mm
Cable bend radius:	20mm
Cable jacket rating:	CL2

Luma HDMI AOC



Data rate:	up to 48 Gbps
Resolution:	up to 8K@60Hz, up to 4:4:4 color
Supported features:	HDMI 2.1, HDCP 2.2, HDR, CEC, ARC, 3D, Dolby Vision
Power Consumption:	≤250mW (no external)
Connector size:	1.67" x .75" x .31" 42.4 x 19 x 7.8 mm
Cable diameter:	5mm
Cable bend radius:	20mm
Cable jacket rating:	CL2

Luma DisplayPort AOC



Data rate:	up to 32.4 Gbps
Resolution:	8K@30Hz, chrome 4:2:0 or VESA DSC 5K/4K@60Hz, chrome 4:4:4 uncompressed
Supported features:	HDCP v.2.2, HDR, BT.2020
Connector size:	1.5" x .8" x .375" 38.1 x 20.3 x 9.5 mm
Cable diameter:	5mm
Cable bend radius:	20mm
Cable jacket rating:	CL2

All cables available in lengths: 35', 40', 50', 60', 80', 100'



Luma active optical cables (AOC) provide stable, plug and play HDMI 2.0 4K up to 100 feet. Luma cables instantly connect Blu-ray, DVR, and video game systems to TV, video monitors and projectors, and support 18Gbps performance.

AOC technology from Luma is designed for a reliable connection between AV components at home, business or professional facilities. Luma cables are designed with a strong, cast aluminum connector and a slick, durable jacket.

AOC TECHNOLOGY – BETTER THAN COPPER

Active Optical Cables combine glass fiber optics with copper conductors to achieve the best performance for 4K video connections. Fiber optic conductors carry the video signal for best performance and copper conductors support control non-video information such as Hot Plug and power connections. Luma AOC are not sensitive to interference and perform up to 100 feet so no matter if your connection is near or far, Luma AOC are the right choice for your system.

NO NEED FOR HDMI EXTENDER BOXES

Luma AOC eliminates the need for cumbersome and expensive transmitter and receiver boxes and the additional cables and power supplies needed to operate them. Just plug in a Luma at each component and Luma connects.

SPECIFICATIONS

Data rate: up to 18Gbps

Video Resolution: up to 4K@60Hz, up to 4:4:4 color

Supported features: HDMI 2.0, HDCP v.2.2, HDR, CEC, ARC

Connector Size: 1.75" x .50" x .25" (44.5mm x 12.5mm x 6mm)

Cable diameter: 5mm

Cable bend radius: 20mm

Cable jacket rating: CL2

Available lengths: 35', 40', 50', 60', 80', 100'



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