


ELII-SHDC-8810 Series

HDMI A to HDMI D 2.0 AOC

The ELII-SHDC-8810 active optical cable was created to fit HDMI applications. It's able to transmit 4K (4096x2160) at 60 Hz with a signal up to 100m (330ft). The AOC offers flexibility during installation by the removable end. **It can be used for home AV, digital signage, control rooms, conference rooms, and rental staging.**

Applications	
Digital Signage	
LED signboards in streets and in stadiums	
Medical Imaging Equipment	
Airplane On-board Video System	
Home Theater	
Blue-ray, 3D video, Projector, Set-up box, DVR, Game Consoles and Computer	
TV Broadcast Station	
Conference Room Video Equipment	
Security systems	

Key Features	
4K signal transmission for up to 100m	
"Active-Optical-Cable" - Fiber / Copper Hybrid	
Full HDCP 2.2 / EDID / CEC / 5V support (no HEAC)	
Including transmission of digital audio signals	
Length available: From 10m to 100m	

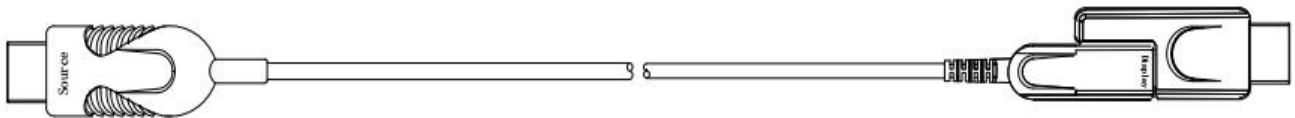
Signal Transmission	
Supported standards	HDCP 2.2, High Speed HDMI, Fiber
Transmission modes	Digital audio and video signals, max. 4K@60 (4:4:4)
Max. pixel clock / bandwidth	6 GB/s per Channel
Max. data rate	2160p / UltraHD / 4K at 100m distance
Max. resolution	16/24 bit RGB/YUV, Deep Color, x.v.Color™
Supported Colors	Digital Audio
Supported audio standards	FullHD-3D, UltraHD (2160p/i), FullHD (1080i/p), HD ready (720i/p)
Further standards	3D, FullHD (1080i/p), HDready (720i/p), SDTV (480i/p)

Connections	
Connector material	Metal
Contact material	24 carat gold plated
Shielding	Triple shielded (Fiber / Copper Hybrid)
Connector 1	HDMI-A male (19pin)
Connector 1 dimensions	19.8x35.9 mm
Connector 2	HDMI-D male (19pin)
Connector 2 dimensions	35.7x13.7mm

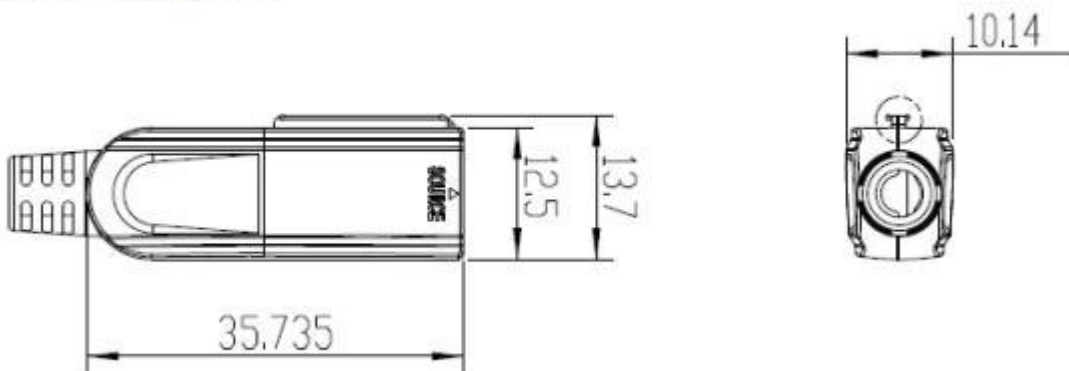
Cable	
Type	Round cable, HDMI AOC Hybrid cable
Inner conductor material	Fiber / Copper
AWG	Copper conductors: AWG28 (max.0,95mm) Fiber: OM3
Number of shieldings	3
Shielding 1	Twisted-pair copper: Polyethylen
Shielding 2	Kevlar
Shielding 3	Aluminium Mylar
Outer material	Flame-retardant PVC
Outer diameter	4.5 mm
Cable Bend Radius	45mm
Fiber Pulling/Tensile Strength	25kg(250N)

Additional	
Certificates	CE, FCC, ROHS, REACH, CL2
Warranty	2 years
Operating Temperature	0°C – 75°C
Storage Temperature	-20°C – 70°C
Rel. Humidity	10% - 85%

Cable Plug Drawing:



HDMI D plug size



Packing Details:



10PCS/CARTON
For 10M to 60M



5PCS/CARTON
For 70M to 100M



Inner Box

Outer Carton

Part Number	Length(m)	Box Size(mm)	CTN Size(mm)	PCS/CTN	N.W.	N.W.	G.W.
					(KG/Box)	(KG)/CTN	(KG)/CTN
ELII-SHDC-8810-10	10	200*200*65	47*38.5*25.5	10	0.7	7	8
ELII-SHDC-8810-10	15	200*200*65	47*38.5*25.5	10	0.85	8.5	9.5
ELII-SHDC-8810-20	20	200*200*65	47*38.5*25.5	10	0.795	9.5	10.5
ELII-SHDC-8810-30	30	200*200*65	47*38.5*25.5	10	1.2	12	13
ELII-SHDC-8810-40	40	250*250*65	47*38.5*25.5	10	1.45	14.5	15.5
ELII-SHDC-8810-50	50	250*250*65	47*38.5*25.5	10	2.05	20.5	21.5
ELII-SHDC-8810-60	60	250*250*65	56.8*40*31	10	2.25	22.5	23.5
ELII-SHDC-8810-70	70	315*305*65	56.8*40*31	5	2.5	12.5	13
ELII-SHDC-8810-80	80	315*305*65	39*36*34	5	3	15	16
ELII-SHDC-8810-90	90	315*305*65	39*36*34	5	3.2	16	17
ELII-SHDC-8810-100	100	315*305*65	39*36*34	5	3.5	17.5	18.5