



Electronic Links International, Inc.

Interconnecting Components and Systems.

Data Sheet

ELII

HDMI Active Optical Cable

Data Sheet

ELII HDMI AOC not only greatly increases the distance traditional HDMI signals can travel, but also reduces the overall cable weight.

Overview

ELII HDMI active optical cables (AOC) generate high quality digital video signals for connections between HDMI source and sink devices. Unprecedented and uncompromised image fidelity with per-pixel digital accuracy are provided.

The ELII HDMI AOC is a compact hybrid cable comprising of multi-mode glass fibers for the TMDS signals and copper wires for the low frequency HDCP signals. HDMI AOC is fully compliant with the HDMI specifications.





Electronic Links International, Inc.

Interconnecting Components and Systems.

Data Sheet

Content

CONTENT 2

SPECIFICATIONS 3

KEY FEATURES 3

APPLICATION 4

INSTALLATION 4

ORDER INFORMATION 5



Specifications

Parameter	Min.	Typ.	Max.	unit
Data rate/ch ^{Note 1}		3.4	5.0	Gb/s
Intra-pair skew ^{Note 2}			30	ps
Inter-pair skew ^{Note 2}			0.2	ns
Differential impedance ^{Note 3}	80	100	120	W
Supply voltage	4.5	5	5.5	V
Supply current			200	mA
Cable diameter		4.2		mm

Note:

1. Meet the minimum Sink eye diagram mask at 3.4Gb/s. ≤ 112 ps; inter-pair skew ≤ 1.78 ns.
2. For high speed cable, intra-pair skew
3. Including connector.

Key Features

- (1) Up to 100m (330ft) HDMI extender.
- (2) A high speed cable supporting 1080p, 4k, 3D, deep color without the use of equalizers.
- (3) Smaller, thinner and lighter.
- (4) Low power consumption.
- (5) Plug (type A, 19 pin) and play.
- (6) CE/FCC compliant.



Electronic Links International, Inc.

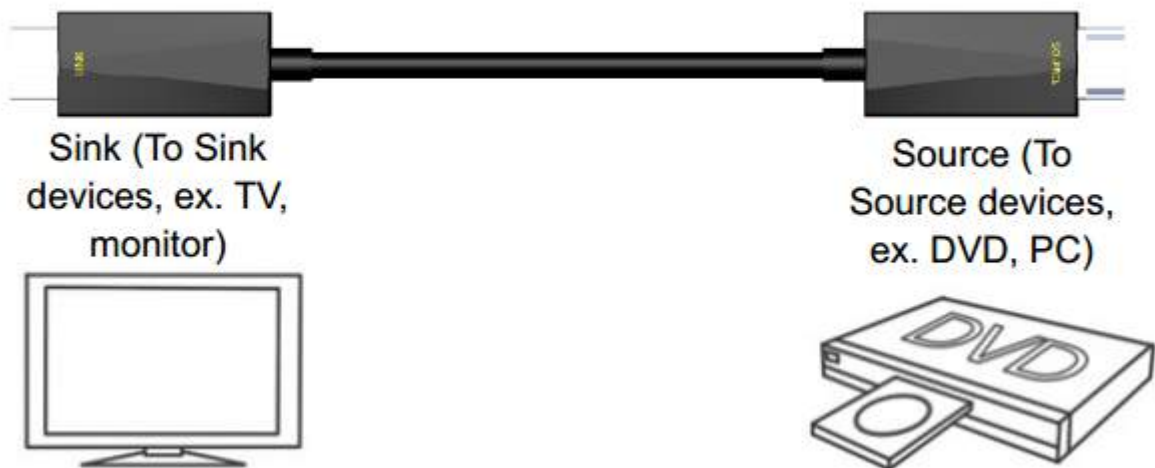
Interconnecting Components and Systems.

Data Sheet

Application

- (1) Digital signage.
- (2) Surveillance.
- (3) Home theater.
- (4) Game console.
- (5) Projectors and displays for conference room, auditorium, medical imaging and stadium.

Installation





Order Information

HDMIC - A A X m X X
(1) (2) (3) (4) (5)

(1)(2) Contact Type :

- A : HDMI A type.

(5) Cable Type :

- F : Fiber optics.

(3) Cable Length (Meters) :

- XXXX m (Max: 100 m).

(4) Connect Type :

- N : Nickel Plating.