

# E-AC-HM-DF1xxxx00-MC HDMI 1.4 Active Optical Cable

Transmit high quality digital video signals for connection between source and sink devices



## Description

FOCI E-AC-HM-DF1xxxx00-MC HDMI 1.4 active optical cable (AOC) transmits 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 HDMI AOCs are compact hybrid cables comprising multi-mode glass fibers for the TMDS signals and copper wires for the low frequency HDCP signals. They are fully terminated with electro-optical and opto-electrical HDMI plug ends and are fully compliant with the HDMI specifications. These AOCs are able to immensely increase the distance traditional HDMI signals can travel, and they are much lighter than copper cables.

## Features

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

## Reference Application



**HDMI source**  
(such as DVD, PC)



**HDMI active optical cable (AOC)**  
UP to 100M connection distance



**HDMI sink**  
(such as TV, Monitor)