

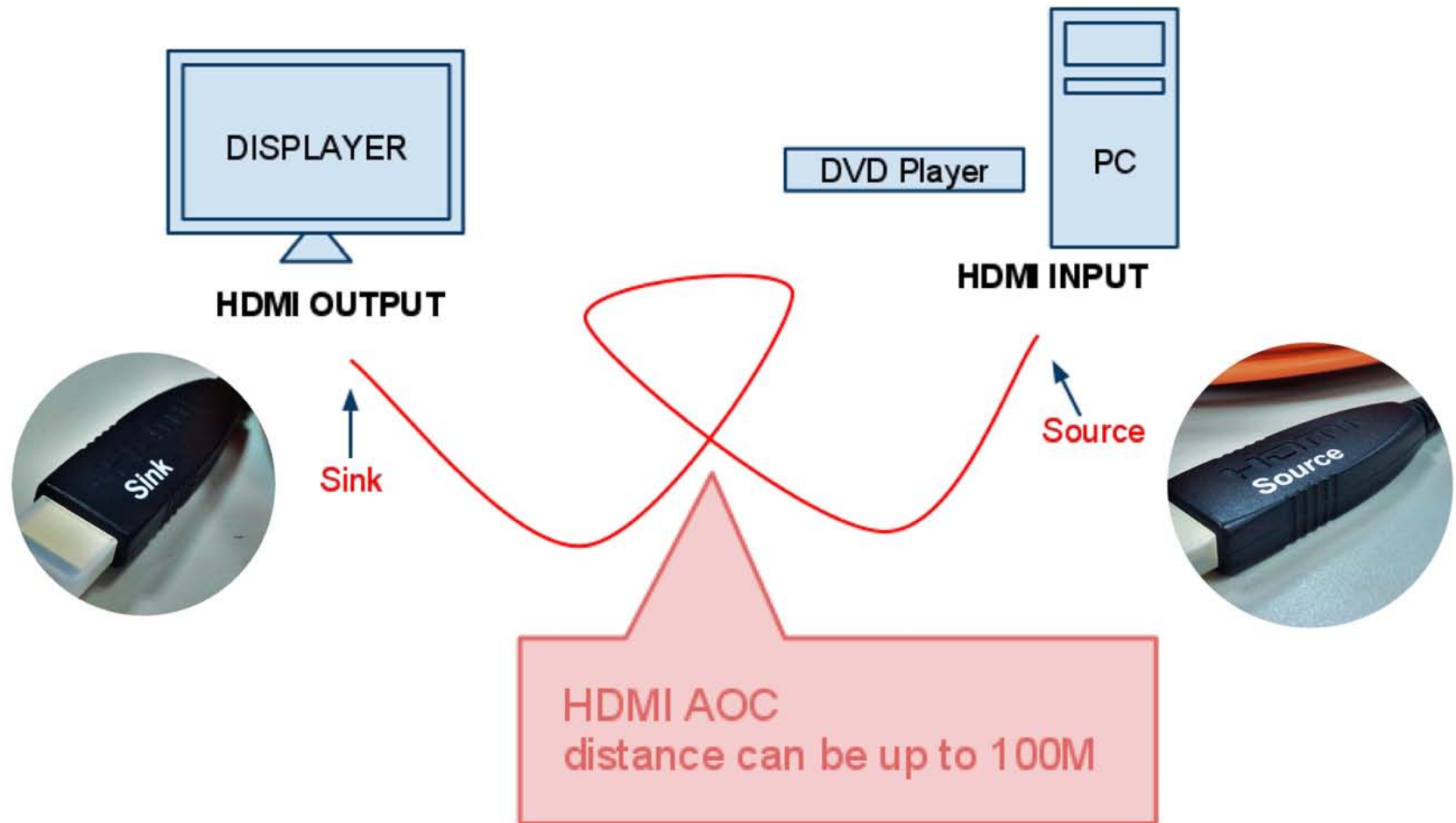
A coiled orange HDMI active optical cable is shown against a light background. The cable is thick and flexible, with a black plastic connector housing at the end. The connector housing has the HDMI logo and the word "Source" printed on it. The cable is coiled in a large loop, with the end of the cable extending outwards.

Electronic Links International, Inc.

# HDMI Active Optical Cable Preview

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## Digital Home Theatre



## Application

- Digital Home Theatre
- TFT-LCD, projectors and plasma flat panel displays for conference room, auditorium, kiosk, medical imaging, traffic control and factory automation system
- LED signboards and panel information displays for airport, stadiums and outdoor advertising

## Description

- A kind of Active Optical Cable (AOC)
- Extend the transmission distance (up to 100m)
- Through a hybrid cable consisting of optical fibers and copper wires
  - The high-speed TMDS signals are transmitted through the optical multimode fibers
  - The low frequency DDC and control signal are transmitted through the copper wires
  - At the ends of the hybrid cable
- The resulting compact dimensions can meet the specification of HDMI type A plug

## Features

- Extend HDMI reach to 100m (330ft)
- Complies with HDMI category 2 (340MHz clock frequency) specifications
- Low power consumption
- Longer, thinner cable without EMI/RFI emissions
- Plug and play, no software to be installed

# Simple Application

## Step 1

### Identify the HDMI Ports



# Simple Application

## Step 2

### Installation

- Source → HDMI INPUT
- Sink → HDMI OUTPUT

