

## VE875

100m 4K HDMI Active Optical Cable



The VE875 HDMI Active Optical Cable utilizes ATEN's unique AOC+™ technology that enables conversion between input signals and optical signals for optimum high bandwidth data transmissions. This EMI-resistant optical cable comes in 100 m cable lengths with full support of 1080p resolutions that can withstand extreme conditions while improving speed and distance. It's fully compliant with HDMI standards and provides support for high-speed transmission, 3D and 4K x 2K resolutions. This cable is the ideal solution for extending the reach of your digital signage in various settings, such as in large shopping malls and hospital facilities.

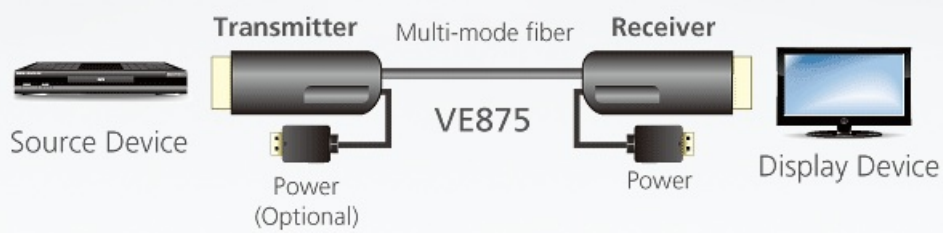


### Features

- Converts electrical data signals to optical signals
- HDMI (3D, 4kx2k, Deep Color); HDCP Compatible
- Superior video quality – up to 4096 x 2160
- RF/EMI free for clear signal transmission
- Easy to install with optical fiber cable
- Powered remote unit via USB Cable
- High data transfer rates of 10.2 Gbps
- Plug-and-play – no software required

## Specifications

|                             |   |
|-----------------------------|---|
| Video Input                 |   |
| Interfaces                  | 1 x HDMI Type A Male (Black)  |
| Impedance                   | 100 $\Omega$  |
| Video Output                |   |
| Interfaces                  | 1 x HDMI Type A Male (Black)  |
| Impedance                   | 100 $\Omega$  |
| Video                       |   |
| Max. Data Rate              | 10.2 Gbps   |
| Max. Pixel Clock            | 340 MHz   |
| Compliance                  | HDMI (3D, Deep Color, 4K)<br>HDCP Compatible<br>Consumer Electronics Control (CEC)  |
| Max. Resolutions / Distance | Up to 4K@100m<br>*4K supported:<br>4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0);<br>4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)  |
| Audio                       |   |
| Input                       | 1 x HDMI Type A Male (Black)  |
| Output                      | 1 x HDMI Type A Male (Black)  |
| Connectors                  |   |
| Power                       | 1 x DC Jack   |
| Power Consumption           | 5 VDC, 1W<br><br>Note:<br><ul style="list-style-type: none"> <li>● The measurement in Watts indicates the typical power consumption of the device with no external loading.</li> <li>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.</li> </ul> |
| Environmental               |   |
| Operating Temperature       | 0-50°C  |
| Storage Temperature         | -20 - 60°C  |
| Humidity                    | 0 - 80% RH, Non-Condensing  |
| Physical Properties         |   |
| Housing                     | Metal   |
| Weight                      | 0.71 kg   |
| Carton Lot                  | 5 pcs   |

**Diagram****ATEN International Co., Ltd.**

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