Simply Better Connections

VE872

15m 4K HDMI Active Optical Cable

The VE872 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 15m 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.

* Note: For extended cable lengths, ask your ATEN dealer about the VE874 50 m or VE875 100 m optical cables.

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 Ω
Video Output	
Interfaces	1 x HDMI Type A Male (Black)
Impedance	100 Ω
Video	
Max. Data Rate	10.2 Gbps
Max. Pixel Clock	340 MHz
Compliance	HDMI (3D, Deep Color, 4K) HDCP Compatible Consumer Electronics Control (CEC)
Max. Resolutions / Distance	Up to 4K@15m *4K supported: 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 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
Environmental	
Operating Temperature	0-50°C
Storage Temperature	-20 - 60°C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.14 kg (0.31 lb)
Carton Lot	5 pcs

Diagram

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