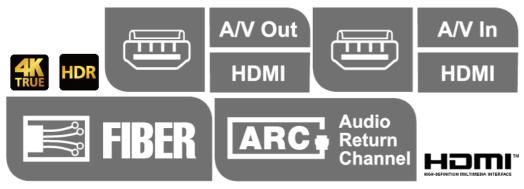


VE781030

30 m True 4K HDMI Active Optical Cable (True 4K@30 m)



ATEN VE781030 True 4K HDMI Active Optical Cable utilizes AOC technology that enables conversion between input signals and optical signals for optimum high bandwidth data transmissions. The EMI-resistant optical cables come in 30 m with full support of True 4K resolutions. It is fully compliant with HDCP 2.2 standards and meets HDMI specifications including 3D, deep color, and data rates up to 18 Gbps. Supported Dolby True HD and DTS-HD Master Audio, the optical cables guarantee lossless audio signal transmissions. The VE781030 optical cable is an ideal solution for extending the reach of your digital signage in a wide range of settings, such as traffic stations, shopping centers, and hospital facilities.



Features

- Supports resolution up to True 4K (4096 x 2160 @ 60Hz 4:4:4)
- HDMI (3D, Deep Color, True 4K, HDR, ARC); HDCP 2.2 compliant
 Extends True 4K signals up to 30 m
 Reduced EMI and RFI for lower noise interference

- High data transfer rate of 18 Gbps
- Supports multi audio channel Dolby TrueHD and DTS-HD Master Audio
 Robust cable pulling strength (Max.10 kg) and compression load resistance (Max.50 kg)
- Plug-and-play

Specification

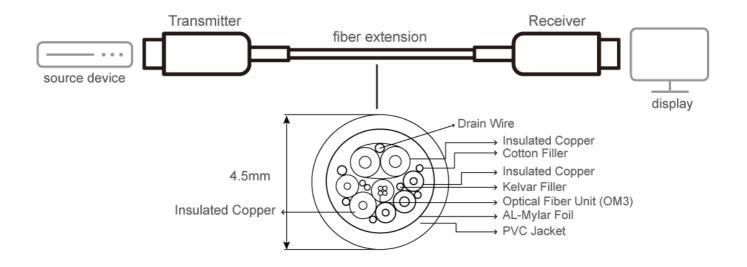
Cable Length	30M / 98.4ft
Cable Type	Hybrid type with optical fiber (OM3) and copper wire
Video Input	
Interfaces	1 x HDMI 19-pin Type-A Male
Video Output	
Interfaces	1 x HDMI 19-pin Type-A Male
Video	
Max. Data Rate	18 Gbps (6 Gbps per Channel)



Max. Pixel Clock	600 MHz (Max.)	
Max. Resolutions / Distance	Up to 4096 x 2160 / 3840 x 2160 @60Hz (4:4:4) / 30M *Color sub-sampling: 4:4:4 / 4:2:2 / 4:2:0 *Color Depth: 30 / 36 / 48 bit	
Compliance	HDMI (3D, Deep Color, 4K, HDR, ARC) HDCP 2.2	
Communication		
Signals	TMDS / HDCP 2.2 / EDID / CEC	
Audio		
Input	PCM 8-channel, Dolby Digital True HD, DTS-HD Master Audio	
Output	PCM 8-channel, Dolby Digital True HD, DTS-HD Master Audio	
Conductor		
Construction	7 x Tinned Copper wire strand 4 x OM3 Optical Fiber (50/125um)	
Notification	Bend Radius: 20mm (Min.) Compression Load Resistance: Max. 50kg (500N) Cable Filler: Kevlar Cable Marking: ATEN INTERNATIONAL HIGH SPEED HDMI HYBRID ACTIVE OPTICAL CABLE 4K@60Hz 18Gbps PVC CE EU RoHS EC ZONE/DEVICE * NO external power required	
Certifications		
Certifications	Safety and Emission: CE / FCC / RoHS / REACH / UL VW-1 EMC Class-A / Class-B	
Power Consumption	DC5.0V:0.25W:0.05ABTU/h	
	Note: ■ The measurement in Watts indicates the typical power consumption of the device with no external loading. ■ The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.	
Jacketed		
Material	PVC (85P) Color: Black	
Environmental		
Operating Temperature	0°C to 50°C (32°F to 122°F)	
Storage Temperature	-20°C to 70°C (-4°F to 158°F)	
Humidity	0 - 85% RH, Non-Condensing	
Physical Properties		
Housing	Connector Case: Zinc Alloy	
Weight	0.90 kg (1.98 lb)	
Cable Outer Dimension	4.5mm (± 0.2mm)	
Carton Lot	5 pcs	



Diagram





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