

Aten VE7835 100m True 4K HDMI 2.0 Active Optical Cable

Certifications	
Certifications	Safety and Emission: CE / FCC / RoHS2 / UL CMP-OF
Notification	Bend Radius: 6mm (Min.) Connector Pull Strength: Max. 10kg (100N) Compression Load Resistance: Max. 50kg (500N) Reduced EMI & RFI
Jacketed	
Material	PVC Plenum (black)
Conductor	
Construction	6 x Insulated Copper wire (28 AWG) 4 x Fiber
Cable Length	100M / 328ft
Communication	
Signals	TMDS / HDCP 2.2 / EDID / CEC
Power (Optional)	Optional power source: Micro USB to USB cable (45cm) 5V, 0.148A
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
Cable Type	Cable Type: Hybrid optical with fiber and copper wire HDMI Standards: High Speed HDMI Cable (HDMI 2.0)
Video Input	
Interfaces	1 x HDMI 19-pin Type-A Male (gold-plated) pluggable (Black) 1 x HDMI Type-D Male (Black)
Video Output	
Interfaces	1 x HDMI 19-pin Type-A Male (gold-plated) pluggable (Black) 1 x HDMI Type-D Male (Black)
Video	
Max. Data Rate	18 Gbps (6 Gbps per Channel)
Max. Pixel Clock	600 MHz (Max.)
Compliance	HDMI 2.0 (3D, Deep Color, 4K, HDR) HDCP 2.2 Color sub-sampling: 4:4:4 / 4:2:2 / 4:2:0 Color Depth: 30 / 36 / 48 bit
Max. Resolutions / Distance	Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4) / 100m
Power Consumption	DC5.3V:0.63W:2.15BTU
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: ABS (Acrylonitrile Butadiene Styrene)
Weight	1.64 kg (3.61 lb)
Cable Outer Dimension	Cable Outer Diameter: 3.4mm (± 0.2mm)
Conductor Gauge	Copper wire (28 AWG)
Conductor Material	Copper
Unit weight	1.64 kg / 3.61 lb
Carton Lot	5 pcs
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.