

Aten VE7831A 10m/32ft True 4K HDMI Active Optical Cable

Cable Length	10M / 32.8 ft
Cable Type	Cable Type: Hybrid cable with optical fiber and copper wire HDMI Standards: High Speed HDMI Cable
Video Input	
Interfaces	1 x HDMI 19-pin Type-A Male (gold-plated) pluggable connector 1 x HDMI Type-D Male
Video Output	
Interfaces	1 x HDMI 19-pin Type-A Male (gold-plated) pluggable connector 1 x HDMI Type-D Male
Video	
Max. Data Rate	18 Gbps (6 Gbps per Channel)
Max. Pixel Clock	600 MHz (Max.)
Compliance	HDMI (3D, Deep Color, 4K, HDR, HEC, ARC) 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) / 10m
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 4 x OM3 Optical Fiber (50/125um)
Jacketed	
Material	UL Plenum (CMP-OF)
Certifications	
Certifications	Safety and Emission: CE / FCC / RoHS2 / UL CMP-OF
Power Consumption	DC5.0V:0.25W:0.05ABTU
Power (Optional)	Optional power source: Micro USB to USB cable (100cm) 5V, 250mW (max)
Notification	Bend Radius: 20mm (Min.) Connector Pull Strength: Max. 10kg (100N) Compression Load Resistance: Max. 50kg (500N) Shielding & Filling: AL Mylar shielding / Kevlar Filling
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	0.30 kg (0.66 lb)
Cable Outer Dimension	Cable Outer Diameter: 4.5mm (± 0.2mm)
Carton Lot	10 pcs