

AOC18G-12M



Model name:	AOC18G-12M
Product description:	18Gbps Active Optical HDMI cable with Ethernet - Length 7.0m
Applications:	Medium distance connection between 4K/Ultra HD Source and Display or 4K distribution via HDMI Matrix

Construction, size, weight

Length	12m
Conductors:	OM3 Multi-mode optical fibre for Data (3x TMDS + CLK) and Copper (Hybrid cable)
Connector:	HDMI Type A - 19 pins
Plug material:	Gold plated connections with Magnesium alloy metal casing
Outer jacket:	Flame retardant PVC
Product dimensions:	Cable diameter: 4.8mm. Plug: 37mm x 19mm (Max, excluding GND)
Recyclable content	Cardbord: 0% Paper:90% Plastic/polyurethane: 8% other: 2%
Weight (net):	0.365kg

Certificates and environmental data

CE:	TB160913952
RoHS:	TB160913943
FCC:	NA
Packaging material:	PTE bag: 8g
Recyclable content	Cardboard: 0% Paper: 90% plastic: 8% other: 2%
Packaging dimensions:	250 x 2 x 330mm (WxDxH)

Key Technical Features All performance specifications are verified and authenticated. Test results available on our site.

Bandwidth: 18Gbps to carry full HDMI 2.0a/b Payload

Maximum pixel clock rate: 600MHz

Supports full HDMI 2.0a/b features including:

Video - 4K@50/60, 3840x2160p, HDR, Dolby Vision, REC. 2020, 8/10/12/16bit, RGB, YCbCr 4:2:0/4:2:2/4:4:4, 24-60Hz, 4096x2160p/60, 3D, 2 video streams (Dual View), 21:9 aspect ratio

Audio - 8 channel LPCM, 192 kHz, 24bit 32 channel audio, 1536 kHz total audio, 4 audio streams

Miscellaneous - DDC, CEC, 5V, HEAC (Ethernet/ARC)

Production's test Equipment: Simplay Labs SL-881



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