SCP⇒ Structured Cable Products®
Quality Installations Deserve Quality Products

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24Gbps 4K HDR AOC HDMI® 2.0 CABLE, 4K@60 4:4:4 2160p, HDR, Snug-Tite™ Grip Display End, Kevlar Strengthened, HDCP2.3, ARC, CEC, ALLM, VRR, CMP Plenum Jkt
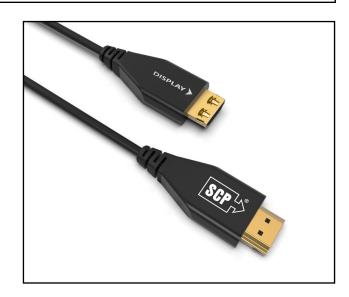
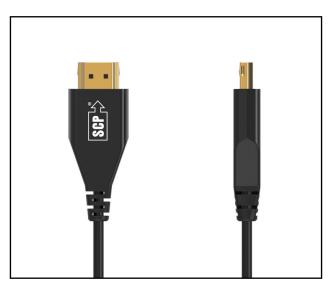**SCP PART#:**
997AOC-P

PRODUCT SUMMARY

HDMI® AOC generates high quality digital video signals for the connection between HDMI source and sink devices. It supports 4K120Hz with YCbCr 4:2:0.

The HDMI AOC is a compact hybrid cable comprising multi-mode glass fibers for the TMDS signals and copper wires for the low frequency signals. It is fully terminated with electro-optical and opto-electrical HDMI plug ends and is fully compliant with the HDMI specifications.

FEATURES

- Supports up to: 4K@60Hz RGB, 12-bit YCbCr 4:4:4
- 4K@120Hz RGB, 12-bit YCbCr 4:2:0
- Supports up to 24 Gbps (6Gbps/ch * 4)
- CMP Plenum Jacket
- Kevlar Strengthened
- Snug-Tite™ Grip (Display Side)
- Thinner, Lighter and More Flexible
- Reduced Risk of EMI & RFI for Maximum Signal Integrity
- No External Power Required
- Four optical channels for HDMI high-speed signals
- Optical transmission for high speed link in order to get low attenuation
- Support the attachment of electrical wires for transport of HDMI low speed signals, power and ground
- Support HDMI link length up to 50m
- High ESD protection at TMDS input: 8KV (HBM)
- Embedded Audio: Up to PCM 8Channel, Dolby Digtal TrueHD, and DTS-HD Master Audio
- Up to 32 audio channels for a multi-dimensional immersive audio experience
- Up to 1536kHz audio sample frequency for the highest audio fidelity
- Simultaneous delivery of dual video streams to multiple users on the same screen
- Support for the wide angle theatrical 21:9 video aspect ratio
- CEC extensions provide more expanded command and control of consumer electronics devices through a single control point
- HDR, CEC, ARC, HDCP2.3, HLG, ALLM Dolby Vision, PQ HDR-10 and HDR-10+, SL-HDR-1
- TAA Compliant

PRODUCT SPECIFICATIONS

Package Size: 25x30cm
Cable Lenght: 10M, 15M, 20M
Part Numbers: **997AOC-P**: UL CMP FT6 Jacket

Cable Dimensions	
Minimum Cable Bending Radius	10mm
Cable Diameter	3.5mm ±0.2mm
Cable Jacket	LSZH or CMP
Cable Color	Black
Optical fiber	50/125um OM2 9 (4 channels)

TECHNICAL SPECIFICATIONS

Optical and Electrical	
Optical wavelength	850nm
Bit Rate (each channel)	6 Gbps
Supply voltage	4.8V - 5.3V
Supply current	56 mA
Ambient temperature	0-50 °C

Environment and Mechanical	
High Temperature Operation (96hrs)	75°C
Damp heat (96hrs)	85 RH % & °C
Thermal Cycle (72hrs)	-40-85°C
Cable pull out force	20kg