

Reference2K Series Long-Length 10Gbps HDMI Active Optical Cable



Chromis Reference2K Series 10.2Gbps HDMI active optical cables (AOCs) deliver 4K30Hz 4:4:4 / 4K60Hz 4:2:0 video up to 100m/330ft without the bulk of copper cables or the complexity of extender boxes. With zero latency, low power consumption and immunity from EMI/RFI, Chromis Reference2K HDMI AOCs are a simple, easy-to-install, plug-and-play solution.

- ▶ Up to 4K60Hz 4:2:0 video support
- ▶ No external power required
- ▶ Plenum rated (CMP-OF/FT6)
- ▶ Thin and flexible – 7.5mm (0.3”) bend radius
- ▶ Bend-insensitive glass optical fiber
- ▶ EDID, HDCP, CEC and RoHS compliant
- ▶ Bulk cable designed & manufactured in the USA

Product specifications

HDMI[™]
HIGH DEFINITION MULTIMEDIA INTERFACE

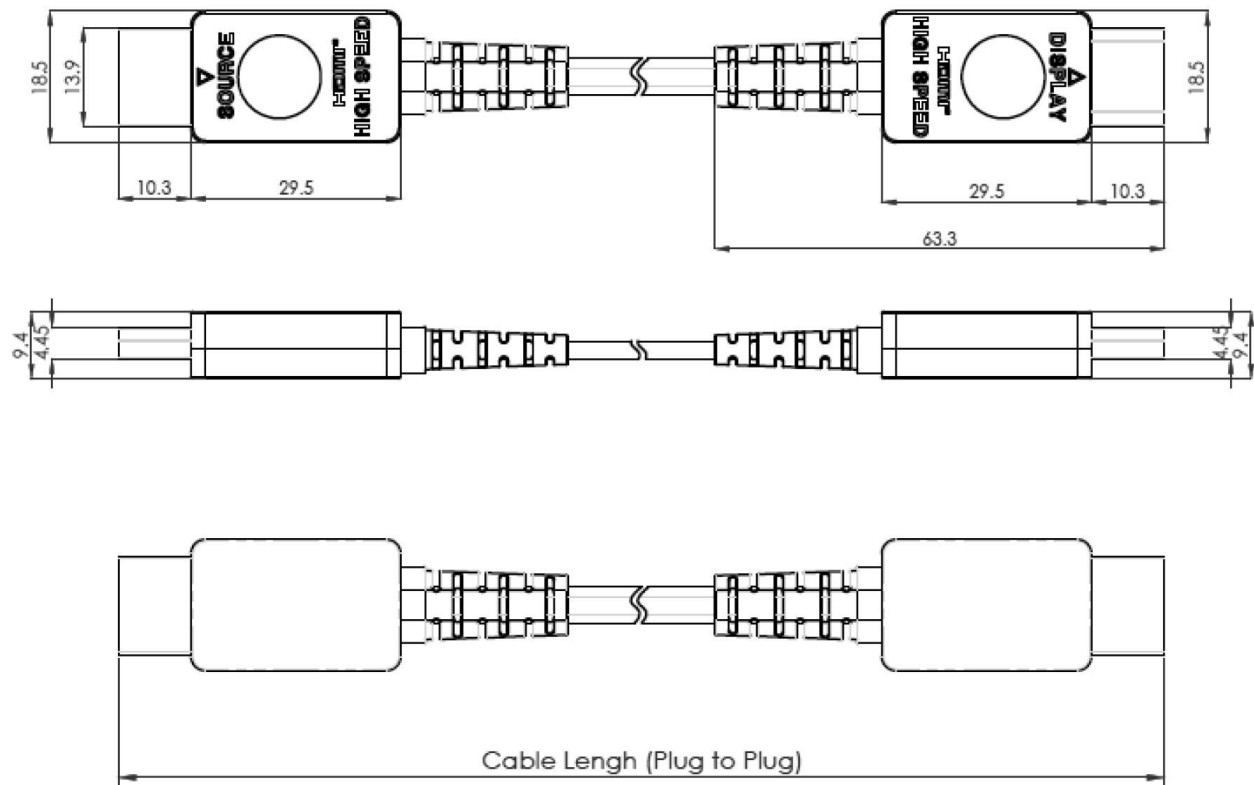
((HDCP))

Resolution Support:	4K/60Hz/4:2:0
Data Rate:	Up to 10.2Gbps
Power Consumption:	263mW typical at 4K30Hz
Operating Temperature:	0°C to 50°C
Content Protection:	HDCP 2.2
Safety Rating:	UL/CUL CMP-OF/FT6

Maximum Length:	100m (328ft)
Maximum Tensile Load:	45kg (100lbs)
Cable Type:	Glass optical fiber and copper
Cable Dimensions:	5.1mm x 3.1mm (0.2in x 0.1in)
Minimum Bend Radius:	7.5mm (0.3in)
Warranty:	2 years
Connectors:	Male HDMI A



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Ordering Information

LENGTH	PART NUMBER / SKU	DESCRIPTION
10m / 33ft	AOC-10G-R-OBXP-G03M	Reference2K 10Gbps HDMI AOC with CMP-OF/FT-6 jacket
15m / 50ft	AOC-10G-R-OBXP-G15M	Reference2K 10Gbps HDMI AOC with CMP-OF/FT-6 jacket
23m / 75ft	AOC-10G-R-OBXP-G23M	Reference2K 10Gbps HDMI AOC with CMP-OF/FT-6 jacket
30m / 100ft	AOC-10G-R-OBXP-G30M	Reference2K 10Gbps HDMI AOC with CMP-OF/FT-6 jacket
50m / 164ft	AOC-10G-R-OBXP-G50M	Reference2K 10Gbps HDMI AOC with CMP-OF/FT-6 jacket
70m / 230ft	AOC-10G-R-OBXP-G70M	Reference2K 10Gbps HDMI AOC with CMP-OF/FT-6 jacket
100m / 328ft	AOC-10G-R-OBXP-G100M	Reference2K 10Gbps HDMI AOC with CMP-OF/FT-6 jacket