

GigaPOF® Reference4K Series Long-Length 18Gbps HDMI Active Optical Cable



Chromis GigaPOF® Reference4K 18Gbps HDMI active optical cables (AOCs) deliver UHD/4K60Hz 4:4:4 HDR uncompressed video up to 50m(164ft) with zero-latency and immunity from EMI/RFI. Reference4K features our patented Chromis GigaPOF® polymer optical fiber which gives it immunity to fracture failure - providing ultimate durability and performance.

- ▶ UHD / 4K@60Hz 4:4:4 HDR video support
- ▶ Polymer fiber for immunity to fracture failure
- ▶ No external power required
- ▶ Plenum rated (CMP-OF/FT6) jacket
- ▶ Thin and flexible – 5mm (0.2”) bend radius
- ▶ EDID, HDCP, CEC and RoHS compliant
- ▶ Chromis patented GigaPOF® technology

Product specifications

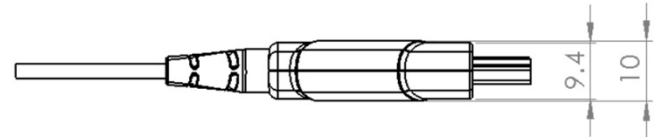
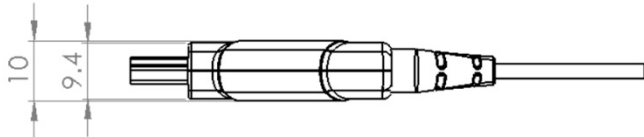
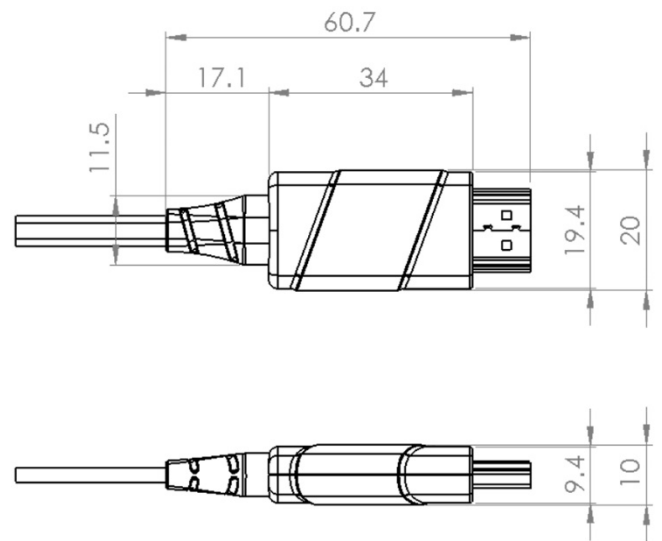
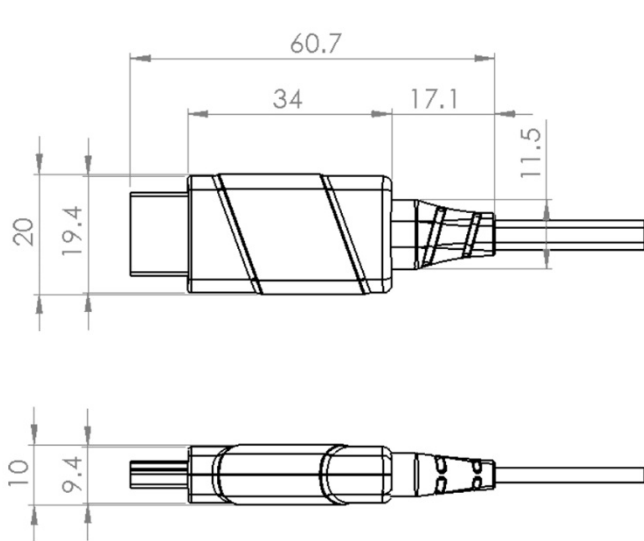


Supported Resolution:	4K/60Hz/4:4:4 HDR
Data Rate:	Up to 18Gbps
Power Consumption:	min. 770mW max. 940mW
Operating Temperature:	0°C to 70°C
Cable Type:	polymer optical fiber and copper
Content Protection:	HDCP 2.2
Safety Rating:	UL/CUL CMP-OF/FT6

Maximum Length:	100m (330ft)
Maximum Tensile Load:	45kg (100lbs)
Cable Dimensions:	5.1mm x 3.1mm (0.2in x 0.1in)
Minimum Bend Radius:	5mm (0.2in)
Warranty:	3 years
Connectors:	Male HDMI A



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Ordering Information

LENGTH	PART NUMBER / SKU	DESCRIPTION
5m / 16ft	AOC-18G-R-UBXP-P05M	Reference4K 18Gbps HDMI AOC with CMP-OF/FT-6 jacket
7m / 23ft	AOC-18G-R-UBXP-P07M	Reference4K 18Gbps HDMI AOC with CMP-OF/FT-6 jacket
10m / 33ft	AOC-18G-R-UBXP-P10M	Reference4K 18Gbps HDMI AOC with CMP-OF/FT-6 jacket
15m / 50ft	AOC-18G-R-UBXP-P15M	Reference4K 18Gbps HDMI AOC with CMP-OF/FT-6 jacket
23m / 75ft	AOC-18G-R-UBXP-P23M	Reference4K 18Gbps HDMI AOC with CMP-OF/FT-6 jacket
30m / 100ft	AOC-18G-R-UBXP-P30M	Reference4K 18Gbps HDMI AOC with CMP-OF/FT-6 jacket
50m / 164ft	AOC-18G-R-UBXP-P50M	Reference4K 18Gbps HDMI AOC with CMP-OF/FT-6 jacket
70m / 230ft	AOC-18G-R-UBXP-P70M	Reference4K 18Gbps HDMI AOC with CMP-OF/FT-6 jacket
100m / 330ft	AOC-18G-R-UBXP-P100M	Reference4K 18Gbps HDMI AOC with CMP-OF/FT-6 jacket