

DisplayPort Series

DisplayPort 1.2

Active Optical Cable



Chromis DisplayPort 1.2 active optical cables (AOCs) deliver UHD/4K60Hz 4:4:4 HDR uncompressed video with zero-latency up to 100m(330ft). Requiring no external power, Chromis DisplayPort 1.2 AOCs support an aggregate data rate of 21.6Gbps with low power consumption, and immunity from EMI/RFI – all in a simple, hot-swappable, easy-to-install, plug-and-play solution.

- Supports up to UHD/4K60Hz 4:4:4 HDR
- Plug-and-play and hot-swappable
- No external power required
- Plenum rated (CMP-OF/FT6) or LSZH jacket
- Thin and flexible – 7.5mm (0.3”) bend radius
- Bend-insensitive glass optical fiber
- Bulk cable designed & manufactured in the USA

Product specifications

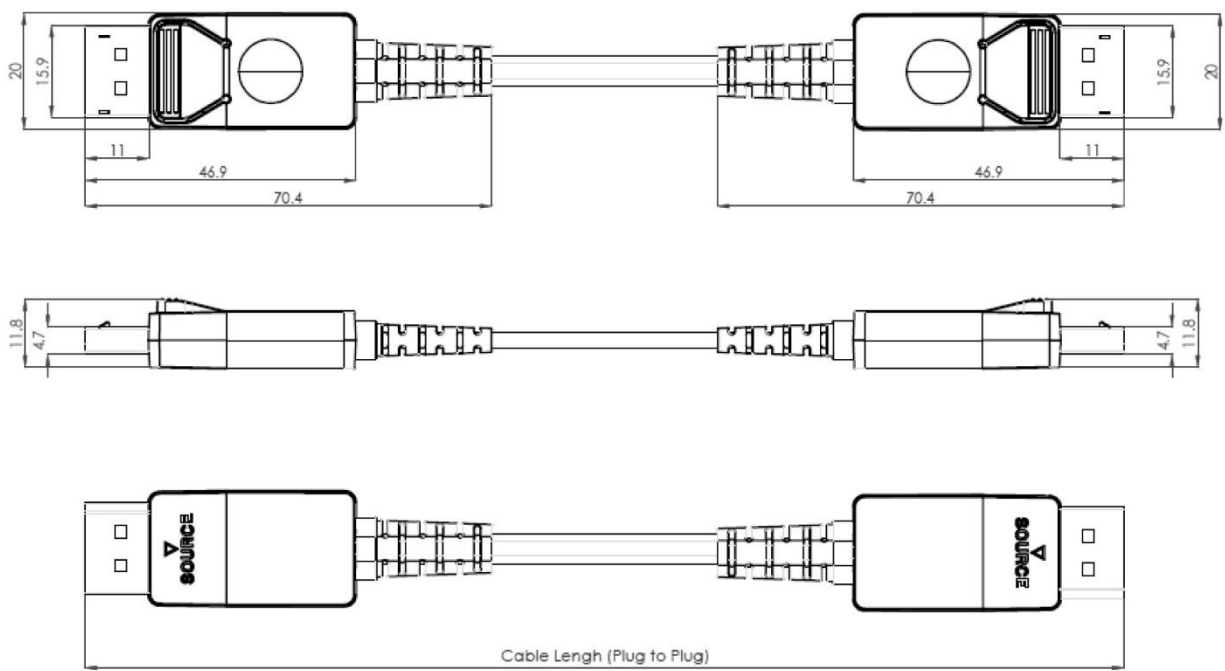


Supported Resolution:	4K/60Hz/4:4:4 HDR
Data Rate:	Up to 21.6Gbps (5.4Gbps/channel)
Power Consumption:	330mW (8m-15m) 500mW (23m-50m) 660mW (60m-100m)
Operating Temperature:	0°C to 50°C
Content Protection:	HDCP 1.3
Safety Rating:	UL/CUL CMP-OF/FT6

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:	20 pin Male DisplayPort



www.chromistechnologies.com
6 Powder Horn Drive, Warren NJ, 07059
sales@chromistechnologies.com
732-764-0900



Ordering Information

LENGTH	PART NUMBER / SKU	DESCRIPTION
8m / 25ft	AOC-DP1.2-R-OBXP-G08M	DisplayPort 1.2 AOC with CMP-OF/FT-6 jacket
10m / 33ft	AOC-DP1.2-R-OBXP-G10M	DisplayPort 1.2 AOC with CMP-OF/FT-6 jacket
15m / 50ft	AOC-DP1.2-R-OBXP-G15M	DisplayPort 1.2 AOC with CMP-OF/FT-6 jacket
23m / 75ft	AOC-DP1.2-R-OBXP-G23M	DisplayPort 1.2 AOC with CMP-OF/FT-6 jacket
30m / 100ft	AOC-DP1.2-R-OBXP-G30M	DisplayPort 1.2 AOC with CMP-OF/FT-6 jacket
50m / 164ft	AOC-DP1.2-R-OBXP-G50M	DisplayPort 1.2 AOC with CMP-OF/FT-6 jacket
70m / 230ft	AOC-DP1.2-R-OBXP-G70M	DisplayPort 1.2 AOC with CMP-OF/FT-6 jacket
100m / 328ft	AOC-DP1.2-R-OBXP-G100M	DisplayPort 1.2 AOC with CMP-OF/FT-6 jacket