



KanexPro Active Fiber High Speed DisplayPort 1.4 Cable

Don't be limited to short length DisplayPort cables and connect to DisplayPort enabled computers, media players, or servers to a distribution amplifier, extender, or to any high performance display with this active fiber (AOC) DP1.4 cable.

MPN: CBL-DP14AOC20M
CBL-DP14AOC30M
CBL-DP14AOC50M



KanexPro Active Fiber (AOC) DP 1.4 Cables is an ideal cable for connecting a high-resolution DisplayPort source to a high-resolution display. Not limited to short two to three-meter lengths active fiber cables can transmit perfect signals up to 50 meters (164ft). It fully supports the DisplayPort 1.3 specification, which provides for up to 32.4 Gbit/s bandwidth, as well as some of the features from the DisplayPort 1.4 specification, such as High Dynamic Range (HDR) video. It supports video resolutions up to 4K@120Hz, 5K@60Hz, and 8K@30Hz with 24-bit RGB color. It is backwards compatible with all previous DisplayPort versions and requires no external power source.

Next generation active optical DP cables designed for next generation 8K HDR content, the KanexPro active fiber DP cable delivers uncompressed full bandwidth overall transmission bandwidth to 32.4 Gbit/s with the new HBR3 mode featuring 8.1 Gbit/s per lane up to 50m/164ft using the latest transmission technology. KanexPro AOC DP1.4 cables support additional DP features like Multi-Stream Transport (MST), Dolby Vision and AMD Freesync™ 2.0 modes. The 32.4 Gbit/s of bandwidth means that these cables are guaranteed to work with all modern 8K monitors. AOC DP Cables should be your only choice for all your high-performance display needs.

Fiber Optic Cables are the future of audio video distribution technology because they are immune to external interference caused by electrical and radio devices. Interference is the main cause for poor performance with signals. By using high performance optical transceivers in each connector, the electrical signal is converted to a light signal that can reach up to 164ft with 0% loss of signal quality. The KanexPro AOC fibers are constructed by a high-quality military grade polymer that is more durable than glass based fiber allowing for integrators and installers to use these cables in the same manner that they would a traditional copper cable. Backed by KanexPro's 3 Year warranty, rest assured that this cable will provide years of flawless 8K performance.

FEATURES

- Supports both Single Stream Transport (SST) and Multi-Stream Transport (MST) modes
- Compatible with AMD® FreeSync™ 2.0 technology
- Supports Dolby Vision™ video technology
- Supports High Dynamic Range (HDR) video
- Active cable is compatible with passive video adapters
- Compliant with the HDMI® 2.0 and DVI™ specifications
- Supports video resolutions up to 8K@30Hz, including 5K@60Hz and 4K@120Hz
- Supports DisplayPort Dual-Mode (DP++)

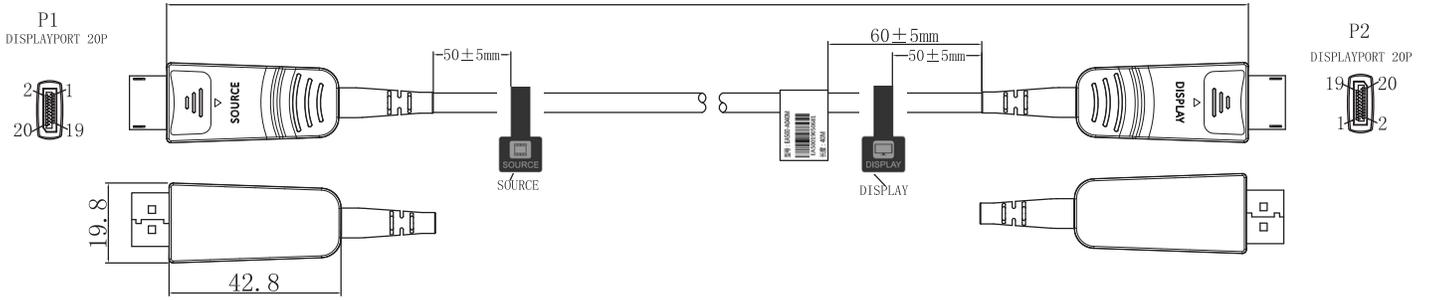
SPECIFICATIONS

Bandwidth: HBR3 (High Bit Rate 3) (32.4 Gbit/s) 8.10 Gbit/s bandwidth per lane (810 MHz link symbol rate)
Color Depth: HDR10 | Dolby Vision | 8K UHD/60hz 24 bit/px RGB color | 4K HDR @120hz: 10bit BT .2020
HBR3: Supported
Multi-Stream Transport (MST): Supported
Single-Stream Transport (SST): Supported
Connector Dimensions: 42mm x 19.8mm x 11.05mm
Cable OD: 4.6mm

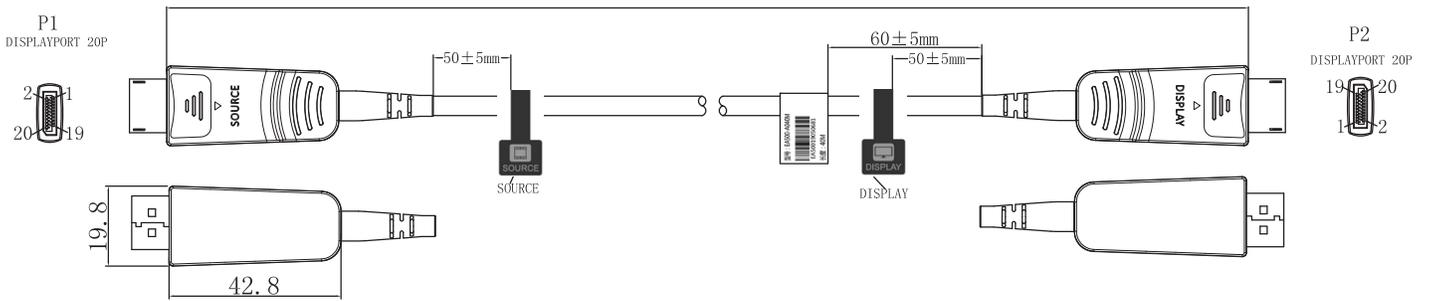
Cable Length: 20M (65ft) 20,000mm +/- 200mm
Cable Length: 30M (98ft) 30,000mm +/- 200mm
Cable Length: 50M (164ft) 50,000mm +/- 200mm
Cable Construction: PVC Jacket, Aluminum Connector
Power Supply: Passive 5V DC 1A | 4.5v-5.5v VCC (No external Power needed)
Max Power Consumption: 250mW
Safety and Emission: CE | FCC | RoHS
Ratings: CL3 Rating

APPLICATION DIAGRAM

20M (65FT)



30M (98FT)



50M (164FT)

