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DVIGear Launches 4K HyperLight™ DisplayPort Cables

DisplayPort 1.4 Active Optical Cables Deliver Performance and Value

Marietta, Georgia, USA – October 16, 2017 – DVIGear, a leading manufacturer of digital connectivity products, has introduced its [HyperLight™ Series](#) – a new generation of advanced Active Optical Cables (AOC). These cables support the extension of DisplayPort 1.4 signals with aggregate data rates up to 32.4 Gbps. (HBR3) and are HDCP 1.4 / 2.2 compliant. They support resolutions up to 8K / 30Hz (4:4:4) for cable lengths up to 50 meters (164 ft.) and 4K / 60Hz (4:4:4) for cables up to 100 meters (328 ft.).

Easy to Install, Even in Plenum Spaces

Constructed using a hybrid design of 4x POF (Polyfluorinated Optical Fiber) and 6x copper wires, plenum-rated [HyperLight™ cables](#) are rugged, lightweight and highly flexible, with a minimum bend radius of just two millimeters. To minimize cable diameter during installation, two removable DisplayPort docking connectors may be detached, revealing a connector cross-section that measures just 10 by 12.4 millimeters. The docking connectors include a locking pin for added security. These features, plus an optional pulling sleeve, make the cables easy to install even in narrow conduits or in plenum air spaces.

These cables are designed for use in mission critical applications where image quality and dependability are paramount. The high speed DisplayPort signals are transmitted over four optical fibers, which make them immune to interference from environmental noise. The optical transmission path provides a very low RFI / EMI profile, which allows the cables to be installed in sensitive applications with strict security requirements. The cables draw power from the connected DisplayPort source, eliminating the need for an external power supply. HyperLight AOC cables are ideally suited for applications that require ultra-high resolution DisplayPort signals to be extended over long cable runs with flawless image quality. These cables are attractively priced and available now in a wide range of cable lengths up to 100 meters (328 ft.).

An Expanding Line of DisplayPort Extension Solutions

System designers and commercial integrators may also turn to DVIGear's existing line of [DisplayPort High Resolution™ Copper Cables](#). These cables transport high speed digital DisplayPort v1.2 signals with resolutions up to 4K / 60Hz and bit rates up to 21.6 Gbps. over long distances while maintaining pristine signal integrity. These cables are constructed using heavy gauge 24AWG copper wires that provide superior ruggedness and durability. The heavier wire gauge has increased cross-sectional cable area and decreased cable skew and capacitance, which allows signals with higher data rates to pass with minimal jitter. DVIGear's DisplayPort HR™ Series Copper Cables are available in standard lengths up to 15 meters (~ 50 ft.) and are available now.

About DVIGear

Founded in 1999, DVIGear is a leading supplier of Digital Connectivity Solutions for a wide range of professional display applications. Located in Marietta, Georgia, USA, DVIGear offers an extensive portfolio of high performance digital video distribution products, including: DisplayNet AV signal distribution over 10GbE Ethernet Systems, Switchers, Splitters, Extenders, Converters, Scalars, as well as long-length copper and optical cables. For more information, visit DVIGear.com and DisplayNet.com. Follow us on [LinkedIn](#), [Facebook](#), and [Twitter](#).

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