



DVIGear Adds DVI AOC to HyperLight Cable Series

DVI Active Optical Cables Provide Exceptional Range and Versatility

Marietta, Georgia, USA – September 11, 2018 – DVIGear, a leading manufacturer of digital connectivity products, has introduced DVI cables to its [HyperLight® Series](#) – a new generation of advanced Active Optical Cables (AOC). These cables support the extension of DVI 1.0 signals and, with an optional adapter cable, HDMI. They are fully HDCP 1.4 compliant and support signals with aggregate data rates up to 4.95 Gbps. These features enable HyperLight cables to support any Single-Link DVI resolution with cable lengths up to 100 meters (328 ft.).

Cutting Edge Technology Delivers Performance and Value

Constructed using a hybrid design of 4x POF (Polyfluorinated Optical Fiber) and 6x copper wires, plenum-rated [DVI AOC HyperLight Series](#) are rugged, lightweight and highly flexible, with a minimum bend radius of only two millimeters. To minimize cable diameter during installation, two removable DVI docking connectors may be detached, revealing a connector cross-section that measures a mere 13.9 x 14.2 millimeters. The docking connectors include fixation screws for added security, as do removable pull covers. These features 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 video signals are transmitted over four optical fibers, making 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 DVI source, eliminating the need for an external power supply. They support DDC communications for EDID and HDCP. HyperLight AOC cables are ideally suited for applications that require ultra-high resolution DVI signals to be extended over long cable runs with flawless image quality. The [DVI-23xxx-AOC Series](#) is attractively priced and available now in a wide range of cable lengths from 10 meters to 100 meters (32.8 to 328 ft.).

DisplayPort Extension Solutions

The DVI AOC cables complement DVIGear's award-winning [HyperLight® DP AOC Series](#). Offering effortless plug & play technology, the DVI-26xxx-AOC Series supports DisplayPort 1.4 and provides a wide range of features in the same compact, lightweight form-factor. When removable DisplayPort docking connectors are detached, the cable cross-section measures just 10 by 12.4 millimeters, enabling ease of installation. The cable draws power from the connected DisplayPort source, eliminating the need for an external power supply. Plenum-rated cables are fully HDCP 1.4 / 2.2 compliant, transmitting signals with data rates up to 32.4 Gbps. (HBR3). These features enable the DP AOC HyperLight Series to support very high resolution applications at 4K / 60Hz (4:4:4) with cable lengths up to 100 meters, and 8K / 30Hz (4:4:4) up to 50 meters. These cables are available now for immediate shipment.

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.

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