

DVIGear Adds DVI AOC to HyperLight Cables

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DVIGear launches DVI cables to the HyperLight series-- a new generation of Active Optical Cables (AOC) with support for the extension of DVI 1.0 signals and, with an optional adapter cable, HDMI.



The cables are HDCP 1.4 compliant and support signals with aggregate data rates up to 4.95Gbps. Such features enable HyperLight cables to support any single-link DVI resolution with cable lengths up to 328m. Construction is in a hybrid design of four POF (Polyfluorinated Optical Fiber) and 6 copper wires, allowing for a rugged and flexible cable with a minimum bend radius of only 2mm.

Installers can remove the two DVI docking connectors in order to minimise cable diameter, revealing a connector cross-section of just 13.9 x 14.2mm. The docking connectors include fixation screws for added security, as do the removable pull covers. As a result the cables are easy to install, even in narrow conduits or plenum air spaces.

Four optical cables transmit video signals, making them immune to interference from environmental noise. The optical transmission path provides a very low RFI/EMI profile, allowing for installation in sensitive applications with strict security requirements. The cables draw power from the connected DVI source, and support DDC communications for EDID and HDCP.

The cables are available now in cable lengths ranging from 10 to 100m.

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