

DVIGear Intros 4K HyperLight DisplayPort Cables

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DVIGear launches the HyperLight Series-- a range of active optical cables (AOC) able to extend DisplayPort 1.4 signals with aggregate data rates up to 32.4Gbps.



The cables are HDCP 1.4/2.2 compliant, and support resolutions up to 8K/30Hz (4:4:4) for cable lengths up to 50m, and 4K/60Hz (4:4:4) for lengths reaching up to 100m. Construction features a hybrid design consisting of four POF (Polyfluorinated Optical Fibre) and six copper wires.

The optical fibres make the cables immune to interference from environmental noise. They also provide a transmission path with a low RFI/EMI profile, allowing use in sensitive applications with strict security requirements. The plenum-rated HyperLight cables are rugged, lightweight and flexible, with a minimum bend radius of just 2mm.

The DisplayPort docking connectors are detachable, revealing a connector cross-section of just 10 x 12.4mm. The connectors include a locking pin plus an optional pulling sleeve, making the cables easier to install in narrow conduits or plenum air spaces. Power comes from the connected DisplayPort source, eliminating the need for an external power supply.

The HyperLight cables are available now in lengths reaching 100m.

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