



Real4K™ Optical Adapter

4K the way it was meant to be seen

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Real4K™ Video Over a Single Fiber

Real4K video with all of features requires 18Gbps uncompressed. Real4K Optical Adapters deliver this bandwidth using only a single industry standard fiber.

Inneos' Unique Wavestacker™ Technology

Wavestacker is Inneos' unique wavelength division multiplexing (WDM) technology which uses multiple lasers operating at different wavelengths of light combined onto a single fiber. This allows our uncompressed 18Gbps signal to operate over a single industry standard fiber through multiple connectors and still travel up to 1000 meters (typical).

There are two ways to deploy Real4K Optical Adapters;

- **Install industry standard fiber**

Many integrators can install fiber as easily as category cabling. For these integrators, deploying Real4K Optical Adapters is as easy as connecting the adapters and plugging in the fiber.

- **Purchase kits with pre-terminated fiber**

For integrators who have not yet started installing fiber, Inneos offers kits with pre-terminated lengths of standard commercial fiber ranging from 20 meters to 300 meters. These standard fiber lengths are as easy to install as "old style" HDMI cables or optical cables but have the advantages of a smaller head and being industry standard fiber. This means the integrator can use other standard optical components such as optical wall plates, invisible fiber (for use inside of rooms) or armored fiber (outdoor usage) to build clean, customized solutions.

Easy Upgrade to 8K

Standard fiber which has plenty of bandwidth for 8K video (48Gbps). Unlike hybrid optical cables, which would need to be pulled out of walls and fully replaced, Real4K Optical Adapters can be easily swapped out for Real8K™ Optical Adapters using the same fiber that is in the wall.

Designed and Made in the USA

Real4K Optical Adapters are designed and manufactured in the USA. Real4K Optical Adapters have been performance tested and approved by DPL Labs.



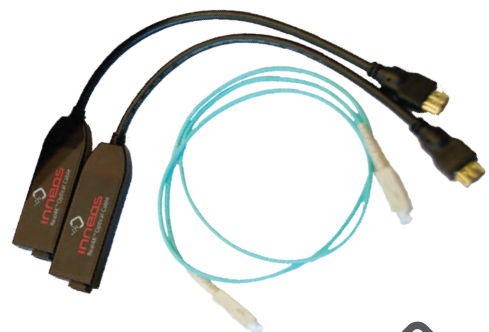
Key Features and Benefits

- 18Gbps uncompressed HDMI 2.0b solution
- 1000 meters typical (400 worse case)
- Designed and made in the U.S.A
- DPL Labs Approved
- Easy upgrade to Real8K™ Optical Adapters

Industry Recognition

Launched in mid-2017, the AV industry has recognized Real4K™ Optical Adapters as something special.

- Best of Show Infocomm 2017 (AV Technology)
- Best New Hardware Product Cedia 2017
- Best of Show Cedia 2017 (Residential Systems)
- TWICE Picks Award CES 2018
- Top New Technology ISE 2018 (CE Pro)
- Top New Technology ISE 2018 (Commercial Integrator)
- Best of Show ISE 2018 (AV Technology)



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Real8K™ Optical Adapter maximum distance over OM4 will decrease from 1000 meters typical to 400 meters typical. Real4K is a trademark of Inneos LLC.