

HDMI CABLES

4K UHD HDMI with HDR – Are you Ready?

In the spirit of the true cinephile, Gordon J Gow Technologies, Inc. developed Tributaries UHD HDMI cables, the most advanced line of Ultra High Definition HDMI cables available today. Designed by film lovers for film lovers, Tributaries UHD HDMI cables were developed using meticulous electronic engineering designed to exceed HDMI specifications by a minimum 20% providing headroom to overcome possible system inadequacies.

UHD HDMI Cable Design

Tributaries offers the most advanced line of UHD HDMI cables available today. These cables have been custom designed to provide optimal operational 18Gbps performance. Every conductor in each cable length was electronically analyzed for its data rate capability with the result balanced against its gauge and flexibility. To guarantee optimal performance, VEGA, TITAN, X-TEND, PRO and SLIM models have undergone rigorous testing by DPL Labs and have earned the coveted 18Gbps Seal of Approval. DPL labs test every conductor to ensure 4K compatibility with bandwidth certified to 18Gbps enabling HDR. All UHD cables are 18Gbps certified by ISF for Interoperability.

Focus on DDC

When a source and sink are connected the Display Data Channel (DDC) line communicates the EDID information and a HDCP handshake takes place. This handshake is required at start-up and is repeated continuously; if there is an error, the system will stop operation. The EDID data is transmitted via signal pulses. Due to the effect of capacitance, these pulses will degrade when they pass through a cable. The longer the cable, the greater the degradation. A cable with excessive capacitance will slow down the voltage Rise Time for each pulse, effectively degrading the data to the point of error and signal failure. All Tributaries UHD HDMI cables are designed with low capacitance on the DDC line to ensure error-free performance.

Stay Connected

Power-Grip: Every Tributaries VEGA, TITAN, X-TEND, PRO and SLIM cable have the patented Power-Grip™ connector. Multi-locational raised elements provide proper tension top-to-bottom and side-to-side. We guarantee our connector will not shift in the electronics causing signal drop outs.



Testing HDMI Cables

At Tributaries, testing cables is taken very seriously. We are the only cable company in the industry that tests every HDMI cable after it arrives from the factory using the Murideo Fresco Six-G HDMI 2.0 and HDCP 2.2 generator. This portable hand held UHD generator will produce an HDMI 2.0, 18Gbps signal of 2160p/60Hz with 8-bit color and 4:4:4 color sampling. In addition, the Fresco Six-G also tests the recessed pin #19: Hot Plug Detect. We confirm HDMI 2.0 and HDCP 2.2 compliance of every cable. Tributaries: Totally Tested, Tried and Trusted!



DPL Labs Seal of Approval

Tributaries VEGA, TITAN, X-TEND, PRO and SLIM models have received DPL Labs 4K Cable Certification. The certification has 2 levels: 10.2Gbps and the coveted 18Gbps level. Tributaries is proud to be one of the first cable companies to receive this prestigious 18Gbps certification. To learn more about DPL Labs go to: www.dpllabs.com

PASSIVE HDMI CABLES

HDMI (High-Definition Multimedia Interface) is a propriety interface for transmitting video/audio/control data between HDMI compliant devices. HDMI is the digital replacement for analog video. Why is passive so important? Passive HDMI cables are always preferred over active. In addition to incompatibility issues with other electronics, active cables are directional and will not work if reversed. The active cable requires power to supply the on-board electronics; typically, these cables harvest their power from unused TMDS voltages. This method works well if the source which drives the 5V line has an adequate output. If the source voltage is too low, it will draw down the vital 5-volt line. Passive cables are bi-directional and voltage agnostic, making any installation simpler and more stable. HDMI cables are sold in each.



SLIM SERIES PASSIVE HDMI CABLE

MODEL: UHDS

Super Slim 18G UHD HDMI cable

The UHDS is Tributaries SLIM Series of UHD HDMI cable. The UHDS features a super slim design which makes this cable perfect for hiding in tight places like behind flat panel TVs. The connector is the smallest in the industry about the size of a dime and colored white to easily see in dark spaces. The SLIM is frequently chosen by custom installers when networking multiple systems in home automation control room racks because of its flexibility. All UHDS cables have the patented power-grip connectors to ensure the connector stays put in your electronics and are copper shielded to prevent noise from contaminating the digital signal. Tributaries UHDS SLIM UHD HDMI cables provide accurate 4K 18Gbps digital transmission with Deep Color and High Dynamic Range (HDR).

The UHDS Slim Series Passive HDMI cable is stocked in each in lengths from 1/2 meter to 2 meter

Model UHDS Highlights

Made in China. Designed, packaged and tested in Orlando Florida, USA
Certified to support Ethernet, 3D, 4K and ARC
Certified to pass 18Gbps to support 4K/60 HDR Signals
Earned 18G certification from two independant test labs: ISF and DPL Labs
Power Grip connectors are tight fitting without the death grip of locking connectors
The connector is the smallest in the industry about the size of a dime
Available in lengths of 1/2 meter to 2 meter



18GBPS



“I have a flat panel with side connections and my old cable stuck out. The SLIM is super flexible and small, totally hidden behind my TV. Plus the white connector really made it easier to see what I was doing – great design!”

Liz V | Fond du Lac, WI