

## 48G HDMI CABLES



8K/60 Ultra  
HDMI – Are  
You Ready?

In the spirit of the true cinephile, Gordon J Gow Technologies, Inc. developed Tributaries 48G UHD HDMI cables, the most advanced line of Ultra High Definition HDMI cables available today. Designed by film lovers for film lovers, Tributaries ULTRA HDMI cables were developed using meticulous electronic engineering designed to exceed HDMI specifications by a minimum 20% providing headroom to overcome possible system inadequacies.

### 48G Ultra HDMI Performance Capabilities

The Tributaries 48G HDMI cables are fully compliant with HDMI 2.1 specifications - transport HDMI data rates up to 48Gbps, with resolutions of up to 8K and 10K, frame rates up to 120fps, color depths up to 16-bit color and color sampling p to 4:4:4. Then other features in v2.1 are: Dynamic HDR and eARC, Quick Media Switching (QMS) for delay-free source switching; for gaming - Auto Low Latency Mode (ALLM), Variable Refresh Rate (VRR) and Quick Framer Transport (QFT).

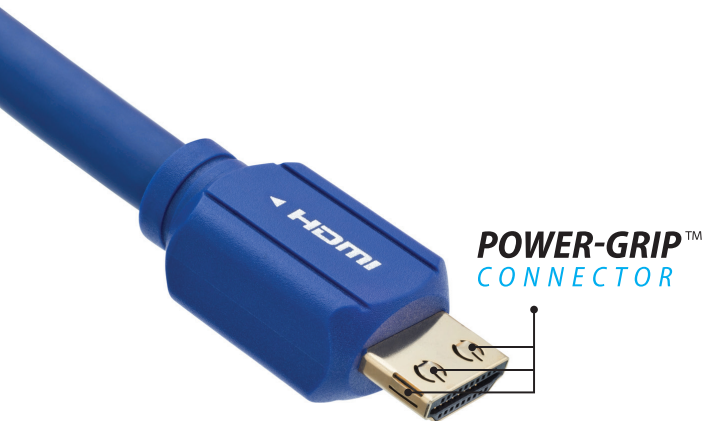
### Focus on eARC & Dynamic HDR

**eARC** is a much more robust audio delivery system than the original ARC. eARC supports 5.1 and 7.1 systems as well as 32 channels of audio and eight channels of 192 kHz, 24-bit uncompressed 38Mbps data streams. It also supports DTS-HD Master Audio, DTS:X, Dolby TrueHD, and Dolby Atmos, eARC can deliver a substantially improved surround sound experience with more immersive and nuanced audio.

**Dynamic HDR** provides enhanced video images for deeper blacks and brighter whites with greater detail in both the dark and bright parts in the same image. While Standard Dynamic Range (SDR) provides an average level of black to white contrast for an entire movie, Dynamic HDR presents a black to white contrast for each frame of a movie bringing scenes closer to realism

### Power Grip:

The UHDM MAXIMUM cable has 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 48G 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/A HDMI 2.1 and HDCP 2.2 generator. This portable hand held UHD generator and analyzer will process an HDMI 2.1, 40Gbps signal of 8K/60Hz with 10-bit color and 4:2:2 color sampling. In addition, the Fresco Six-G/A also tests the recessed pin #19: Hot Plug Detect. We confirm HDMI 2.1 and HDCP 2.2 compliance of every cable.

**Tributaries: Totally Tested, Tried and Trusted!**



### DPL Labs 48G Seal of Approval

Tributaries UHDM Maximum models have passed rigorous True Image Testing™ by DPL Labs and earned the 48G 8K Reference Standard Certification. Tributaries is proud to be the first cable company to receive this prestigious 48Gbps 8K certification. To learn more about DPL Labs go to: [www.dpllabs.com](http://www.dpllabs.com)

## PASSIVE 48G 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 audio & 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.



### UHD SERIES PASSIVE 48G HDMI CABLE

## MODEL: UHD48

Best Basic "Go-to" 48G ULTRA HDMI cable

The UHD48 ULTRA HDMI cable is Tributaries basic go-to ULTRA HDMI cable. The UHD48 is Tributaries no frills, economical level 48Gbps UHD HDMI cable but it is no slouch. Engineered for low noise signal transmission, the 28AWG digital signal conductors are precision twisted and have three layers of shielding. The connector is protected with a "Full Metal Jacket" steel shell covered with double sided copper foil to protect from EMI and RFI interference. Boss elements provide a firm connection, keeping the connector seated in your electronics. The UHD48 is engineered to provide accurate 8K/60 48Gbps digital transmission supporting all HDMI 2.1 enhancements.

The UHD48 Series Passive HDMI cable is stocked in each in lengths from ½ meter to 7 meter



#### Model UHD48 Highlights

Made in China. Designed, packaged and tested in Orlando Florida, USA

Certified to support 4K/120Hz, 8K/60Hz, 10K/24Hz

Guaranteed to pass data rates of 48Gbps

Guaranteed to support Dynamic HDR, eARC, Variable Refresh Rates, Auto Low Latency Mode, Quick Frame Transport and Quick Media Switching

Full Metal Jacket Protects ingress and egress of EMI interference

Tight fit connectors with Boss elements stay in place

Available in lengths of 1/2 meter to 7 meter