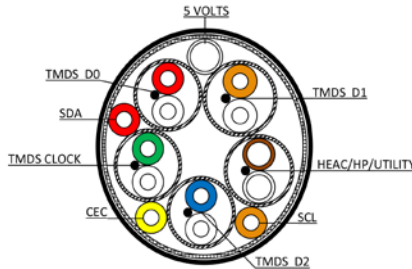


UHDP-010 PRO 1 meter



Description

The Tributaries UHDP **PRO** Ultra High Definition HDMI is the cable of choice for long distances. This cable has the most headroom of all Tributaries cables built with large gauge wires positioned where they are most needed. PVC Jacket is UL CL2/FT4 for in wall use. Elegant black and blue woven over-jacket. Guarantees 4K/60 UHD HDMI signal transmission.

Features

- Designed, packaged and tested in Orlando Florida, USA
- Certified HDMI High Speed to support 4K/60, Deep Color, Ethernet, Extended Audio Channels, CEC and ARC
- Earned DPL Labs® 18Gig 4K Certification and Seal of Approval
- Power Grip™ connector is tight fitting without the death-grip hazard of locking connectors
- Small size connector (25mm) about the size of a Quarter
- Jacket rated UL CL2/FT4 for in-wall use covered by elegant woven jacket
- Passive 1 meter design guaranteed 4K/60 data rates to 18 Gbps
- 100% tested in production and 100% tested in Orlando, FL before shipping with 1080p/60 application
- Limited Lifetime Warranty

Terminations

Tributaries UHDP **PRO** is terminated with HDMI type A connectors. At 25mm, this small size connector is the size of a quarter. Power Grip™ ensures a tight fit.

HDMI Compliance

HDMI ATC Certification	Category 2 / High Speed with Ethernet
Certified Data Rate	3.4Gbps / 10.2Gbps (4K UHD)
Supported Clock Rate	340Mhz

Conductors

PIN	DESCRIPTION	Conductor	INSULATION	NOTES
Pin 1	TMDS Data 2+	30 AWG HC-OFC	Foamed PE	Shielded Pair
Pin 2	TMDS Data 2 Drain	30 AWG HC-OFC	Foamed PE	
Pin 3	TMDS Data 2-	30 AWG HC-OFC	Foamed PE	
Pin 4	TMDS Data 1+	30 AWG HC-OFC	Foamed PE	Shielded Pair
Pin 5	TMDS Data 1 Drain	30 AWG HC-OFC	Foamed PE	

UHDP-010 PRO 1 meter

Pin 6	TMDS Data 1-	30 AWG HC-OFC	Foamed PE	Shielded Pair
Pin 7	TMDS Data 0+	30 AWG HC-OFC	Foamed PE	
Pin 8	TMDS Data 0 Drain	30 AWG BC		
Pin 9	TMDS Data 0-	30 AWG HC-OFC	Foamed PE	
Pin 10	TMDS Clock+	30 AWG HC-OFC	Foamed PE	Shielded Pair
Pin 11	TMDS Clock Drain	30 AWG BC		
Pin 12	TMDS Clock-	30 AWG HC-OFC	Foamed PE	
Pin 13	CEC	30 AWG HC-OFC	HDPE	
Pin 15	I ² C Serial Clock for DDC	30 AWG HC-OFC	HDPE	
Pin 16	I ² C Serial Data Line for DDC	30 AWG HC-OFC	HDPE	
Pin 18	+5V Power	26 AWG HC-OFC	HDPE	
Pin 14	Utility / HEAC+	26 AWG HC-OFC	Foamed PE	Shielded Pair
Pin 17	DDC/CEC Ground/HEAC Drain	26 AWG BC		
Pin 19	Hot Plug Data / HEAC-	26 AWG HC-OFC	Foamed PE	

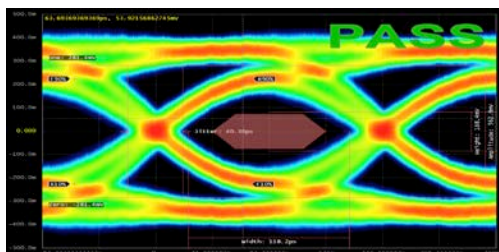
Cable Shielding

Aluminum Mylar Facing Outside	100% Coverage 25% overlap
Braided Shield	85% Coverage / Tinned Bare Copper Wire

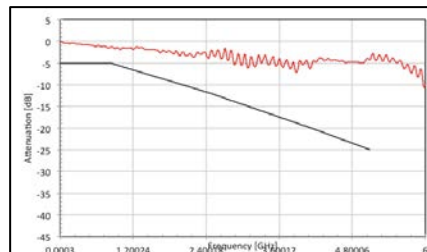
Jacket

Color	Black
Material	PVC – Polyvinyl Chloride
Outside Diameter	7.0 mm
UL Listing	UL CL2 / FT4
EU RoHS Compliant (Y/N)	YES

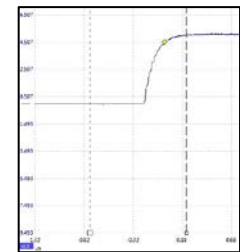
Testing Data



18Gbps Eye Pattern



18Ghz Attenuation



Rise Time

Electrical

Impedance	100Ω +/- 10%
Attenuation	30AWG = 4.125GHz~5.1GHz 40dB / 26AWG = 100MHz~200MHz 5dB

UHDP-010 PRO 1 meter

Far-end Crosstalk	-20dB (MAX)
Intra-Pair Skew	30AWG = 151ps (MAX) / 26AWG = 112ps (MAX)
Inter-Pair Skew	1.78ns (MAX)

Application Specifications

Max Video Format Supported	2160p (UHD/4K) 8-bit 4:4:4, 17.82Gbps
VESA Graphics	Supports as defined by HDMI specification
3D Video	Supported / System Dependant
Audio Formats Supported	32Ch, PCM 2.0, DTS 7.1, 3D Audio / System Dependant
HDMI Ethernet Channel	Supported / System Dependant
HDMI Audio Return Channel	Supported / System Dependant

Notes

While Tributaries has made every reasonable effort to ensure the accuracy of these specifications, information contained herein may be subject to error and omission and to change without notice. Tributaries provides these specifications on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied.

The cable will be packaged to preclude the inducement of damage due to handling and transportation, and will be in accordance with the best commercial practices available. Shipping containers will be constructed as to eliminate any possible damage to the cable due to shipment.

Stock Models

Stock Code	Description	Color	Quantity
UHDP-010B	PRO UHD HDMI w/Ethernet Cable 1m bag	Black	Each
UHDP-010D	PRO UHD HDMI w/Ethernet Cable 1m display	Black	Each
UHDP-010K	PRO UHD HDMI w/Ethernet Cable 1m bulk/10	Black	Each