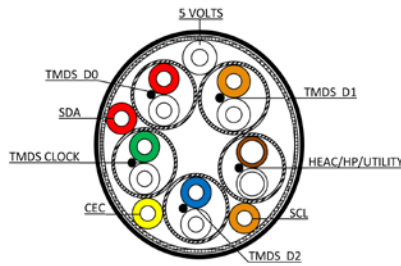


UHDS-010 SLIM 1 meter



Description

The Tributaries UHDS **SLIM** UHD HDMI is an installer friendly super slim UHD HDMI cable made with one of the smallest connectors in the market; almost the size of a dime. 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
- One of the smallest connectors in the market today (17mm long) with super slim UL®CL2 rated 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 using 1080p/60 application
- Limited Lifetime Warranty

Terminations

Tributaries UHDS **SLIM** is terminated with HDMI type A connectors. At 17mm in length, this is one of the smallest connectors in the market with Power Grip™ to ensure 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+	36 AWG HC-OFC	Polypropylene	Shielded Pair
Pin 2	TMDS Data 2 Drain	36 AWG BC		
Pin 3	TMDS Data 2-	36 AWG HC-OFC	Polypropylene	Shielded Pair
Pin 4	TMDS Data 1+	36 AWG HC-OFC	Polypropylene	
Pin 5	TMDS Data 1 Drain	36 AWG BC		Shielded Pair
Pin 6	TMDS Data 1-	36 AWG HC-OFC	Polypropylene	
Pin 7	TMDS Data 0+	36 AWG HC-OFC	Polypropylene	Shielded Pair

UHDS-010 SLIM 1 meter

Pin 8	TMDS Data 0 Drain	36 AWG BC		Shielded Pair
Pin 9	TMDS Data 0-	36 AWG HC-OFC	Polypropylene	
Pin 10	TMDS Clock+	36 AWG HC-OFC	Polypropylene	
Pin 11	TMDS Clock Drain	36 AWG BC		
Pin 12	TMDS Clock-	36 AWG HC-OFC	Polypropylene	
Pin 13	CEC	36 AWG HC-OFC	Polypropylene	
Pin 15	I ² C Serial Clock for DDC	36 AWG HC-OFC	Polypropylene	Shielded Pair
Pin 16	I ² C Serial Data Line for DDC	36 AWG HC-OFC	Polypropylene	
Pin 18	+5V Power	36 AWG HC-OFC	Polypropylene	
Pin 14	Utility / HEAC+	34 AWG HC-OFC	Foamed PE	
Pin 17	DDC/CEC Ground/HEAC Drain	30 AWG BC		
Pin 19	Hot Plug Data / HEAC-	34 AWG HC-OFC	Foamed PE	

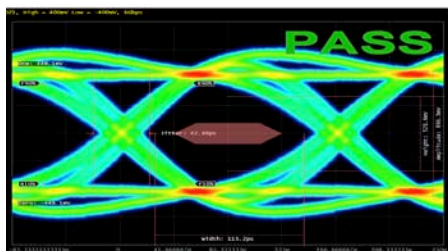
Cable Shielding

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

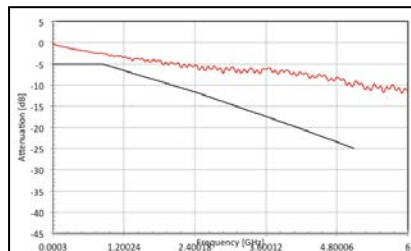
Jacket

Color	Black
Material	PVC – Polyvinyl Chloride
Outside Diameter	3.9 mm
UL Listing	AWM Appliance wiring UL 2725 CL2
EU RoHS Compliant (Y/N)	YES

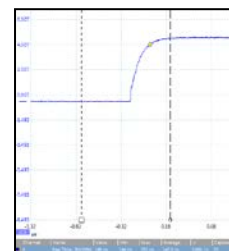
Testing Data



18Gbps Eye Pattern



18Ghz Attenuation



Rise Time

Electrical

Impedance	100Ω +/- 10%
Attenuation	36AWG = 4.125Ghz~5.1Ghz 42dB / 34AWG = 100MHz~200MHz 5dB
Far-end Crosstalk	-50dB (MAX)
Intra-Pair Skew	36AWG = 112ps (MAX) / 34AWG = 111ps (MAX)

UHDS-010 SLIM 1 meter

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
UHDS-010B	SLIM UHD HDMI w/Ethernet Cable 1m bag	Black	Each
UHDS-010D	SLIM UHD HDMI w/Ethernet Cable 1m display	Black	Each
UHDS-010K	SLIM UHD HDMI w/Ethernet Cable 1m bulk/10	Black	Each