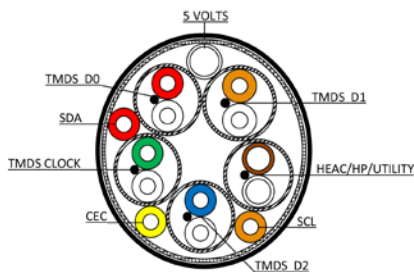


UHDX-120 18G X-TEND 12 meter



Description

The Tributaries UHDX 18G X-TEND Ultra High Definition HDMI cable was engineered to support 18Gbps in longer distance runs. The X-Tend is powered by the new 18G Go! Active Technology which measures the signal and applies equalization values specifically for each cable's unique attenuation value. UHDX X-Tend cables are directional in nature due to the electronics built into the display end connector. The PVC Jacket is UL® CL2/FT4 for in wall use. Tributaries guarantees UHDX will provide 18Gbps 4K/60/Deep Color/HDR 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
- Earned ISF Power 18Gbps HDMI Certification
- Power Grip™ connector is tight fitting without the death-grip hazard of locking connectors
- 9.0 mm O.D. Jacket IS rated UL CL2/FT4 for in-wall use
- 12 meter active UHDX is guaranteed 4K/60 data rates to 18Gbps
- 100% tested in production and 100% tested in Orlando, FL for 18Gbps performance before shipping
- Limited Lifetime Warranty

Terminations

Tributaries UHDT X-TEND is terminated with HDMI type A connectors. 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+	24 AWG OFHC Copper	Foamed PE	Shielded Pair
Pin 2	TMDS Data 2 Drain	24 AWG BC		
Pin 3	TMDS Data 2-	24 AWG OFHC Copper	Foamed PE	
Pin 4	TMDS Data 1+	24 AWG OFHC Copper	Foamed PE	Shielded Pair
Pin 5	TMDS Data 1 Drain	24 AWG BC		

UHDX-120 18G X-TEND 12 meter

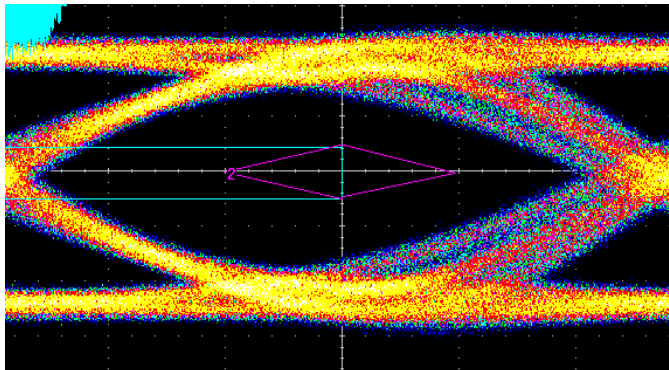
Pin 6	TMDS Data 1-	24 AWG OFHC Copper	Foamed PE	Shielded Pair
Pin 7	TMDS Data 0+	24 AWG OFHC Copper	Foamed PE	
Pin 8	TMDS Data 0 Drain	24 AWG BC		
Pin 9	TMDS Data 0-	24 AWG OFHC Copper	Foamed PE	
Pin 10	TMDS Clock+	24 AWG OFHC Copper	Foamed PE	Shielded Pair
Pin 11	TMDS Clock Drain	24 AWG BC		
Pin 12	TMDS Clock-	24 AWG OFHC Copper	Foamed PE	
Pin 13	CEC	32 AWG OFHC Copper	HDPE	
Pin 15	I ² C Serial Clock for DDC	32 AWG OFHC Copper	HDPE	
Pin 16	I ² C Serial Data Line for DDC	32 AWG OFHC Copper	HDPE	
Pin 18	+5V Power	32 AWG OFHC Copper	HDPE	
Pin 14	Utility / HEAC+	32 AWG OFHC Copper	Foamed PE	Shielded Pair
Pin 17	DDC/CEC Ground/HEAC Drain	32 AWG BC		
Pin 19	Hot Plug Data / HEAC-	24 AWG OFHC Copper	Foamed PE	

Cable Shielding

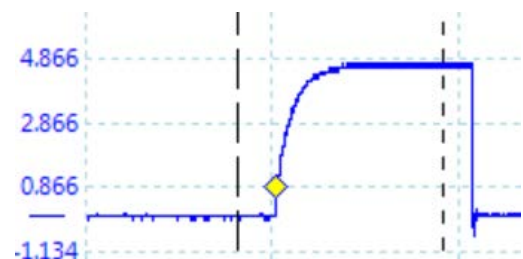
Aluminum Mylar Facing Outside	100% Coverage 25% overlap
Braided Shield	85% Coverage / Tinned Bare Copper Wire

Jacket

Color	Black
Material	PVC – Polyvinyl Chloride
Outside Diameter	9.0 mm
UL Listing	UL CL2 / FT4
EU RoHS Compliant (Y/N)	YES



18Gbps Eye Pattern



Rise Time

Application Specifications

UHDX-120 18G X-TEND 12 meter

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 Dependent
Audio Formats Supported	32Ch, PCM 2.0, DTS 7.1, 3D Audio / System Dependent
HDMI Ethernet Channel	Supported / System Dependent
HDMI Audio Return Channel	Supported / System Dependent

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
UHDX-120B	X-TEND Active 18Gbps UHD HDMI w/Ethernet Cable 12m bag	Black	Each