

The Premium HDMI Cable Certification Program™ encompasses additional and enhanced cable testing as well as an authentication and verification program for High Speed HDMI Cables.

Cables are tested to ensure they support the full 18Gbps bandwidth from the HDMI 2.0b specification with an EMI test to ensure cables minimize interference with wireless signals.

The program is designed to give end users confidence when purchasing new HDMI cables for their 4K/UltraHD products that may include features such as 4K@60Hz, BT.2020 and HDR.

Refer to the Hills HDMI Lead packaging for the unique anti-counterfeiting authentication label.

All the Hills Antenna HDMI Leads are tested to 4K@60Hz 4:4:4 18Gbps.

Part Numbers:

1m Flat Lead - 06HDF1

1.8m Flat Lead - 06HDF1.8

3m Flat Lead - 06HDF3

5m Flat Lead - 06HDF5

1.8m Right Angle Plug - 06HDRAS1.8

3m Right Angle Plug - 06HDRAS3

.5m - 06HD500

1m - BC85138

2m - BC85127#

3m - BC85128#

5m - BC85129#

10m - BC85130

# Denotes Premium Certified Leads



Construction		Application Specifications			
Primary Conductor	Solid 30-24AWG OFC, length dependent	Model	06HDF1/06HDF1.8/06HDF3/06HDF5/06HDRAS1.8/06HDRAS1.8/06HDRAS3/06HD500/BC85138/BC85127/BC85128/BC85129/BC85130		
Insulation			Wire Specification	30AWG / 28+30AWG / 26+28AWG / 24+28AWG	
TMDS	HD-PE(Foam PE) ≤ 1.7 relative permittivity	Resolution 4K/UHD		3840x2160@60Hz 3840x2160@50Hz	8-channel LPCM, 192kHz, 24bit audio capability
4C+HEAC Pairs	LD-PE ≤ 2.0 relative permittivity				
Shielding		Bandwidth	18.0Gbit/s	Blu-ray Disc and HD DVD video and audio at full HD	✓
TMDS Pairs	Al-foil braid 25% overlap				
Overall	Al-foil braid 85% coverage	TMDS Clock	600MHz	Super Audio CD	✓
Cable Jacket	UL & RoHS certified PVC				
HDMI Connector Shell	Copper shell with 1µ24K gold plated	Colour Depth	YCbCr4:4:4 YCbCr4:2:2 YCbCr4:2:0	Auto lip-sync	✓
HDMI Connector Pins	Solid OFC, 2µ 24K gold plated				
Termination	Lead-free soldering	CEC	✓	2 Video Streams (Dual View)	✓
HDMI Back shell	Plastic injection				
Cable Diameter	30AWG: 6.0mm, 28+30AWG: 7.3mm, 26+28AWG: 8.0mm, 24+28AWG: 9.0mm	DVD-Audio	✓	3D Video	✓
		SACD	✓	Ethernet Channel	✓
Retention Force (nom)	9.9N(1kg/2.2lbs) ± 10-5%	SMPTE 170M	✓	Audio Return Channel (ARC)	✓
Applications		ITU-R BT.601	✓	32 Channel Audio	✓
General high reliability HDMI connectivity, 4K/60HZ 4:4:4 support to 10m		ITU-R BT.709	✓	1536kHz total	✓
Residential		xvYCC	✓	4 Audio Streams	✓
Rack & AV cupboard		sYCC601, Adobe RGB, Adobe YCC601	✓	Dolby TrueHD/DTS-HD Master Audio bitstream capable	✓
Corporate & Board Room,		Hybrid Log-Gamma (HLG)	✓	21:9 aspect ratio	✓
Education		Static HDR (HDR Static metadata)	✓	4K resolution at 60Hz	✓

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